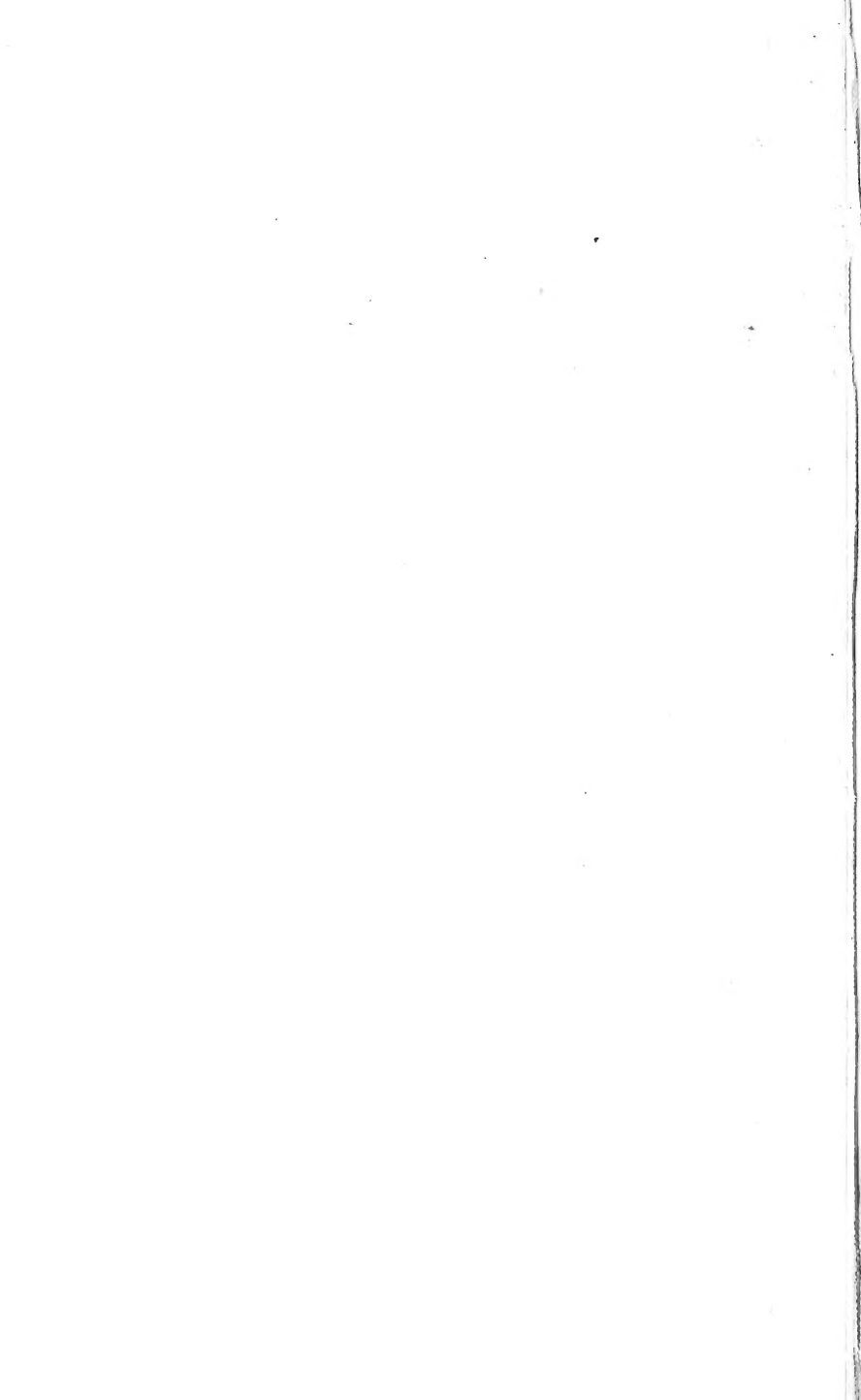


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INSTRUCTIONS.

The present volume contains (a) Schedules and Indexes in four languages; (b) An Author Catalogue; (c) A Subject Catalogue.

The Schedules have been revised in accordance with the decisions of the International Convention of 1905.

The Subject Catalogue begins with some general sections 0000 to 0220. It is then divided into Palaeozoology and Palaeobotany. Each of these main divisions is sub-divided into three sections. The first section gives the publications arranged according to strata; in the second section the arrangement is according to fossils; while the third section gives a list of new genera and species.

In each section the final arrangement of papers is in the alphabetical order of authors' names.

To find the papers dealing with a particular subject the reader may consult either the Schedule or the Index to the Schedule. The numbers given in the Index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the right-hand top corners of the pages.

In the Author Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of the volume.

There is an alphabetical index at the end of the volume.

The literature indexed is mainly that of 1914, but includes those portions of the literature of 1901-1913 in regard to which the index slips were received by the Central Bureau too late for inclusion in the previous volumes.

TOPOGRAPHICAL SYMBOLS.

These symbols are letters printed in *italics*. They are explained in the Topographical Classification. They are not used instead of Registration numbers, but for sub-dividing the sections.

CONTENTS.

	PAGE
Author Catalogue	19
Subject Catalogue	43
Palaeozoology:	
Stratigraphical	48
Zoological	60
List of New Genera and Species	96
Palaeobotany:	
Stratigraphical	111
Botanical	117
List of New Genera and Species	123
List of Journals	125

International Catalogue of Scientific Literature

SCHEDULE

OF

CLASSIFICATION

(K) PALÆONTOLOGY

(K) PALÆONTOLOGY.

- 0000 Philosophy.
 0010 History. Biography.
 0020 Periodicals. Reports of Institutions, Societies, Congresses, etc.
 0030 General Treatises, Text Books, Dictionaries, Collected Works, Tables.
 0032 Bibliographies.
 0040 Addresses, Lectures, etc., of a general character.
 0050 Pedagogy.
 0060 Institutions, Museums, Collections.
 0070 Nomenclature.
 0100 Distribution of Life (Animal and Vegetable) in Past Times.
 0150 Zonal Palæontology; Mutations (Changes of Form in Successive Strata), etc.
 0200 Evolution. (See also L 4300; N 0223; M 4400.)
 0210 Fossils of Indeterminate Biological Character.
 0220 Fossilisation.

The numerical symbol to be used for Palæontological books and papers is obtained by a combination of the Geological stratigraphical number (two figures), with a number (four figures) representing the sub-division of the animal or vegetable kingdom to which the fossil forms described belong. Thus a paper on Triassic Cephalopoda will have the symbol K 65.2231, one on Carboniferous ferns will be numbered K 55.6700.

The numbers for Zoological subdivisions are identical with those used in the Zoological schedule. The numbers for Botanical subdivisions are identical with those used in the Botanical schedule.

The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 *ei*.

(K) PALÄONTOLOGIE.

- Philosophie.
 Geschichte. Biographien.
 Periodica, Berichte von Instituten, Gesellschaften, Kongressen etc.
 Allgemeine Abhandlungen, Lehrbücher, Wörterbücher, Sammelwerke, Tabellen.
 Bibliographien.
 Festreden, Vorträge u. s. w., allgemeiner Art.
 Pädagogik.
 Institute, Museen, Sammlungen.
 Nomenklatur.
 Verteilung des Lebens (des tierischen und pflanzlichen) in vergangenen Zeiten.
 Zonare Paläontologie; Mutationen (Formenänderungen in aufeinander folgenden Schichten) etc.
 Entwicklung. (Siehe auch L 4300; N 0223; M 4400.)
 Fossilien unbestimmten biologischen Charakters.
 Versteinerung.

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl welche die Unterabteilung des Tier- oder Pflanzenreiches angibt, zu der die beschriebenen fossilen Formen gehören. So würde eine Abhandlung über triassische Cephalopoden das Symbol erhalten: K 65.2231; eine solche über Farne des Carbon würde zu numerieren sein: K 55.6700.

Die Nummern für die zoologischen Unterabteilungen sind identisch mit den im zoologischen Schema benutzten. Die Nummern für die botanischen Unterabteilungen sind identisch mit den im botanischen Schema benutzten.

Wenn nötig, können die alphabetischen Symbole für Topographie hinzugefügt werden. In diesem Falle würde eine Abhandlung über Fische der Kreide aus der asiatischen Türkei das Symbol tragen: K 75.5431 *ei*.

(K) PALÉONTOLOGIE.

- 0000 Philosophie.
 0010 Histoire. Biographies.
 0020 Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.
 0030 Traités généraux, Manuels, Dictionnaires, Recueils, Tables.
 0032 Bibliographies.
 0040 Discours, Cours, etc., d'un caractère général.
 0050 Enseignement.
 0060 Institutions, Musées, Collections.
 0070 Nomenclature.
 0100 Distribution géographique des animaux et des plantes dans les temps passés.
 0150 Paléontologie stratigraphique ; changements de formes dans les couches successives, etc.
 0200 Evolution. (*Voy. aussi* L. 4300 N 0223 ; M 4400.)
 0210 Fossiles dont le caractère biologique n'est pas déterminé.
 0220 Fossilisation.

Le symbole numérique qui devra être employé pour les livres et mémoires paléontologiques est obtenu par une combinaison du nombre stratigraphique (2 chiffres) avec un nombre (4 chiffres) représentant la subdivision du règne animal ou végétal à laquelle appartient la forme fossile décrite. Ainsi un mémoire sur les Céphalopodes triasiques devra porter l'indice K 65.2231 ; un mémoire sur les Fougères carbonifères portera l'indice K 55.6700.

Les nombres pour les subdivisions zoologiques sont identiques à ceux qui sont employés dans la classification zoologique. Les nombres pour les subdivisions botaniques sont identiques à ceux qui sont employés dans la classification botanique.

Les symboles alphabétiques pour la Topographie peuvent être ajoutés, si c'est nécessaire. Dans ce cas un mémoire sur les Poissons crétacés de la Turquie d'Asie porterait le symbole K 75.5431 *ei*.

(K) PALEONTOLOGIA.

- Filosofia.
 Storia. Biografie.
 Periodici. Resoconti di Istituti, Società, Congressi, ecc.
 Trattati generali, Libri di testo
 Dizionari, Raccolte, Tavole.

- Bibliografie.
 Discorsi, Letture, ecc., aventi un carattere generale.
 Pedagogia.
 Istituti, Musei, Collezioni.
 Nomenclatura.
 Distribuzione della vita (animale e vegetale) nei passati tempi.

- Paleontologia stratigrafica ; mutazioni (cambiamenti di forma in strati successivi), ecc.
 Evoluzione. (*Vedi anche* L. 4300 ; N 0223 ; M 4400.)
 Fossili il cui carattere biologico è indeterminato.
 Fossilizzazione.

Il simbolo numerico da usarsi per libri e memorie paleontologiche è ottenuto colla combinazione del numero stratigrafico-geologico (due cifre) col numero (quattro cifre) rappresentante la suddivisione del regno animale o vegetale al quale le descritte forme fossili appartengono. Così una memoria sopra Cefalopodi triassici avrà il simbolo K 65.2231 ; una sovra Felci carbonifere sarà numerata K 55.6700.

I numeri per le suddivisioni zoologiche sono identici con quelli usati nella schedula zoologica. I numeri per le suddivisioni botaniche sono identici con quelli usati nella schedula botanica.

I simboli alfabetici per la Topografia possono venir aggiunti, ove necessario. In tal caso una nota sovra Pesci cretacei della Turchia Asiatica porterà il simbolo K 75.5431 *ei*.

Palaeozoologia.		38 Fossils of doubtful Strati- graphical position.	39 General.	45 Palaeo- zoic (General).	50 Lower Palaeo- zoic.
0231	Palaeozoologia	38. 0231	39. 0231	45. 0231	50. 0231
5231	Vertebrata	38. 5231	39. 5231	45. 5231	50. 5231
6031	Mammalia	38. 6031	39. 6031	45. 6031	50. 6031
5831	Aves	38. 5831	39. 5831	45. 5831	50. 5831
5031	Reptilia et Batrachia	38. 5031	39. 5831	45. 5631	50. 5631
5431	Pisces	38. 5431	39. 5431	45. 5431	50. 5431
5031	Tunicata, Amphioxus, &c.	38. 5031	39. 5031	45. 5031	50. 5031
2431	Arthropoda, incl. Insecta	38. 2431	39. 2431	45. 2431	50. 2431
3431	Myriopoda	38. 3431	39. 3431	45. 3431	50. 3431
3031	Arachnida	38. 3031	39. 3031	45. 3031	50. 3031
2831	Xiphosura, Euripterida, Trilobita, &c.	38. 2831	39. 2831	45. 2831	50. 2831
2631	Crustacea	38. 2631	39. 2631	45. 2631	50. 2631
2231	Mollusca, incl. Cephalopoda, Gastropoda, Amphineura, Scaphopoda et Lamellibran- chia (Pelecypoda)	38. 2231	39. 2231	45. 2231	50. 2231
2031	Brachiopoda, incl. Bryozoa (Polyzoa)	38. 2031	39. 2031	45. 2031	50. 2031
1831	Vermes	38. 1831	39. 1831	45. 1831	50. 1831
1031	Echinodermata	38. 1031	39. 1031	45. 1031	50. 1031
0831	Coelenterata, incl. Graptolithoidea	38. 0831	39. 0831	45. 0831	50. 0831
0631	Porifera	38. 0631	39. 0631	45. 0631	50. 0631
0431	Protozoa	38. 0431	39. 0431	45. 0431	50. 0431
0131	Fossilia affinitatis vel originis incertae	38. 0131	39. 0131	45. 0131	50. 0131

Palaeobotanica.		38	39	45	50
5000	Palaeobotanica generalis	38. 5000	39. 5000	45. 5000	50. 5000
5400	Dicotyledones	38. 5400	39. 5400	45. 5400	50. 5400
6000	Monocotyledones	38. 6000	39. 6000	45. 6000	50. 6000
6500	Gymno-permeae	38. 6500	39. 6500	45. 6500	50. 6500
6800	Cycadofilices (Pteridospermeae)	38. 6800	39. 6800	45. 6800	50. 6800
6700	Pteridophyta	38. 6700	39. 6700	45. 6700	50. 6700
7000	Musci et Hepaticae	38. 7000	39. 7000	45. 7000	50. 7000
7300	Characeae	38. 7300	39. 7300	45. 7300	50. 7300
7400	Algae et Schizophyceae	38. 7400	39. 7400	45. 7400	50. 7400
7600	Lichenes	38. 7600	39. 7600	45. 7600	50. 7600
7700	Fungi, Bacteria, et Mycetozoa	38. 7700	39. 7700	45. 7700	50. 7700
7900	Plantae incertae sedis	38. 7900	39. 7900	45. 7900	50. 7900

Übersetzung obiger stratigraphischer Überschriften.

Fossils of doubtful stratigraphical position...	38	Fossilien zweifelhafter stratigraphischer Stellung	38
General	39	Allgemeines	39
Palaeozoic (General)	45	Palaeozoicum (Allgemeines)	45
Lower Palaeozoic	50	Unteres Palaeozoicum	50
Upper Palaeozoic	55	Oberes Palaeozoicum	55
Mesozoic (General)	60	Mesozoicum (Allgemeines)	60
Triassic	65	Trias	65
Jurassic	70	Jura	70
Cretaceous	75	Kreide	75
Cenozoic (Tertiary) (General)	80	Känozoicum (Tertiär) (Allgemeines)	80
Lower Cenozoic. Eocene, Oligocene	85	Unteres Tertiär. Eocän, Oligocän	85
Upper Cenozoic. Miocene, Pliocene	90	Oberes Tertiär. Miocän, Pliocän	90
Pleistocene and Recent	95	Quartär und recente Bildungen	95

55	60	65	70	75	80	85	90	95
Upper Palaeozoic.	Mesozoic (General).	Triassic.	Jurassic.	Cretaceous.	Cenozoic (Tertiary) (General).	Lower Cenozoic Eocene, Oligocene.	Upper Cenozoic Miocene, Pliocene.	Pleistocene and Recent.
55.0231	60.0231	65.0231	70.0231	75.0231	80.0231	85.0231	90.0231	95.0231
55.5231	60.5231	65.5231	70.5231	75.5231	80.5231	85.5231	90.5231	95.5231
55.6031	60.6031	65.6031	70.6031	75.6031	80.6031	85.6031	90.6031	95.6031
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Traduction des titres stratigraphiques ci-dessus.

Fossiles de position stratigraphique	Fossili di dubbia posizione strati-
douteuse 38	grafica 38
Généralités 39	Generalità 39
Paléozoïque (Généralités) 45	Paleozoico (Generalità) 45
Paléozoïque inférieur 50	Paleozoico inferiore 50
Paléozoïque supérieur 55	Paleozoico superiore 55
Mésozoïque (Généralités) 60	Mesozoico (Generalità) 60
Triasique 65	Triasico 65
Jurassique 70	Giurassico 70
Crétacé 75	Cretaceico 75
Néozoïque (Tertiaire) (Généralités) 80	Cenozoico (Terziario) (Generalità) 80
Néozoïque inférieur. Eocène, Oligocène 85	Cenozoico inferiore. Eocene, Oligocene 85
Néozoïque supérieur. Miocène, Pliocène 90	Cenozoico superiore. Miocene, Pliocene 90
Pleistocène et terrains récents 95	Pleistocene e recente 95

International Catalogue of Scientific Literature

TOPOGRAPHICAL CLASSIFICATION

TOPOGRAPHICAL CLASSIFICATION.

[To be used in connexion with Geography, Geology, Botany, Zoology, etc.]

1.—MAIN DIVISIONS.

- a. The Earth as a whole.
- b. Land as a whole.
- c. Ocean as a whole.
- d. Europe and Mediterranean Sea and Islands.
- e. Asia and Malay Archipelago, Celebes and Timor inclusive.
- f. Africa and Madagascar.
- g. North America, including Mexico.
- h. Central and South America, and West Indian Islands.
- i. Australia, Tasmania and New Zealand, with New Guinea, Gilolo, and Moluccas to west, and including the Solomon Islands, New Hebrides, and New Caledonia to east.
- k. Arctic: Greenland and the area north of the Arctic Circle, or of the coasts of Continental America, Asia, and Europe, whichever is farther north.
- l. Atlantic and Islands from Arctic Circle to Lat. 45° S.—the southern portion bounded on the east by the meridian 20° E. of Greenwich, south of the coast of Africa; and on the west by the coast of South America
- m. Indian Ocean and Islands limited on the south by Lat. 45° S.; on the west by the meridian 20° E. of Greenwich; on the east by the coast of Australia and the meridian 147° E. of Greenwich.
- n. Pacific and Islands from the Arctic Circle to Lat 45° S.; and between meridian 147° E. of Greenwich and the coast of South America.
- o. Antarctic: the area south of 45° S. except the Falkland Islands and the southern parts of South America and New Zealand. (*See mb.*)

TOPOGRAPHISCHE KLASSIFIKATION.

[In Verbindung mit Geographie, Geologie, Botanik, Zoologie etc. zu benutzen.]

1.—HAUPT-ABSCHNITTE.

- Die Erde als Ganzes.
- Das Festland als Ganzes.
- Der Ocean als Ganzes.
- Europa und das Mittelländische Meer mit seinen Inseln.
- Asien und der Malayische Archipel, einschliesslich Celebes und Timor.
- Afrika und Madagaskar.
- Nord-Amerika, einschliesslich Mexiko.
- Central- und Süd-Amerika, West-indische Inseln.
- Australien, Tasmanien und Neu-Seeland, mit Neu-Guinea, Gilolo und Molukken nach Westen, und mit Salomo-Inseln, Neuen Hebriden und Neu-Caledonien nach Osten.
- Arktisches Gebiet: Grönland und der nördlich des Polarkreises oder der Küsten von Amerika, Asien und Europa gelegene Raum, je nachdem das Eine oder das Andere weiter nach Norden liegt.
- Atlantisches Gebiet mit seinen Inseln vom Polarkreis bis 45° S. Br.; der südliche Theil wird südlich von Afrika nach Osten durch den Meridian 20° O. [v. Gr.] begrenzt und reicht im Westen bis zur Küste von Süd Amerika.
- Der Indische Ocean mit seinen Inseln reicht im Süden bis 45° S. Br.; im Westen bis 20° O.L.; im Osten bis zur Küste von Australien und dem Meridian 147° O.L.
- Pacifisches Gebiet mit seinen Inseln, vom Nordpolarkreis bis 45° S. Br., im südlichen Theil begrenzt durch den Meridian 147° O. L. nach Westen, und die Küste von Süd-Amerika nach Osten.
- Antarktisches Gebiet, umfasst das Gebiet südlich von 45° S. Br., mit Ausschluss der Falklands-Inseln, der südlichen Teile von Süd-Amerika und Neu-Seelands. (*Siehe mb.*)

CLASSIFICATION TOPO- GRAPHIQUE.

[Cette classification sera appliquée à la géographie, à la géologie, à la botanique, à la zoologie, etc.]

1.—GRANDES DIVISIONS.

- a. Données d'ensemble relatives au globe terrestre.
- b. Données d'ensemble relatives aux continents.
- c. Données d'ensemble relatives aux océans.
- d. Europe avec la Mer méditerranéenne et ses îles.
- e. Asie et Archipel Malais, Célèbes et Timor incius.
- f. Afrique et Madagascar.
- g. Amérique du Nord, le Mexique inclu.
- h. Amérique centrale et méridionale avec les Antilles.
- i. Australie, Tasmanie et Nouvelle Zélande avec la Nouvelle Guinée, Gilolo et les Moluques à l'ouest, les îles Salomon, les Nouvelles Hébrides et la Nouvelle Calédonie à l'est.
- k. Régions arctiques: Groenland et la zone au nord, soit du cercle polaire, soit des côtes américaines, asiatiques et européennes.
- l. Atlantique avec les îles comprises entre le cercle polaire arctique et le 45° de lat. S. Partie sud de l'Atlantique limitée à l'est par le méridien 20° E. (Greenwich), au sud de l'Afrique; et à l'ouest par lat côte de l'Amérique du sud.
- m. Océan Indien avec les îles situées dans l'espace limité dans le sud par le 45° de lat. S.; à l'ouest par le méridien 20° E. (Greenwich); à l'est par la côte australienne et le méridien 147° E. (Greenwich).
- n. Le Pacifique avec les îles comprises, en latitude, du cercle polaire arctique au 45° de lat. S.; en longitude, du méridien 147° E. (Greenwich) à la côte de l'Amérique du sud.
- o. Régions antarctiques: depuis le 45° de lat. S., moins les Falkland, la pointe sud de l'Amérique méridionale et la Nouvelle Zélande. (*Voy. mb.*)

CLASSIFICAZIONE TOPO- GRAFICA.

[Da usarsi in rapporto con la Geografia, Geologia, Botanica, Zoologie ecc.]

1.—DIVISIONI PRINCIPALI.

La Terra nel suo complesso.

Le terre emerse.

L'oceano nel suo complesso.

Europa e mare Mediterraneo con le sue isole.

Asia e Arcipelago Malese, comprese Celebes e Timor.

Africa e Madagascar.

America settentrionale, compreso il Messico.

America Centrale e Meridionale, e Indie Occidentali.

Australia, Tasmania e Nuova Zeland colla Nuova Guinea, Gilolo e Molucche verso Ponente, le Salomone, le Nuove Ebridi e la Nuova Caledonia verso Levante.

Regione Artica: Groenlandia e l'area a Nord del Circolo Polare, ovvero a Nord delle coste dell'America continentale, dell'Asia e dell'Europa.

L'Atlantico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S.; limitato nella sua parte meridionale, oltre la costa Africana, dal 20° E. da Greenwich ad Est, e dalla costa dell'America meridionale ad Ovest.

L'Oceano Indiano e le sue Isole, limitato a sud dal 45° di Lat. S., a Ponente dal meridiano 20° E. da Greenwich, a Levante dalla costa dell'Australia e dal 147° E. da Greenwich.

Il Pacifico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., e tra il 147° meridiano E. da Greenwich e le coste dell'America meridionale.

Regione Antartica: cioè l'area meridionale limitata dal 45° S., eccetto le Isole Falkland e le parti meridionali dell'America del Sud e della Nuova Zeland. (*Vedi mb.*)

N.B.—As a general rule, Islands more than 100 miles from the continent to be classed as Oceanic, unless specially excepted.

N.B.—Allgemeine Regel : Inseln, die mehr als 100 englische Meilen (160 Kilometer) vom Festland entfernt sind, sind, falls nicht besonders ausgenommen, als oceanisch zu klassifiziren.

2.—SUB-DIVISIONS.

d. EUROPE AND MEDITERRANEAN SEA AND ISLANDS.

- da.* Scandinavia : Sweden, Norway, Denmark; Iceland, Faeroes.
- db.* Russian Empire and Russia in Europe (including Caucasus).
- dba.* Northern Russia.
- dbb.* Southern Russia.
- dbc.* Central Russia.
- abd.* Caucasus.
- dbe.* Ural.
- dc.* German Empire.
- di.* Holland; Belgium; Luxemburg.
- de.* British Islands.
- df.* France and Corsica.
- dg.* Iberian Peninsula (including Pyrenees : Spain (with the Balearic Islands); Portugal.
- dh.* Italy. Sicily (with Lipari Islands and Pantellaria). Sardinia.
- di.* Switzerland.
- dii.* Alps.
- dk.* Austria-Hungary (Bosnia and Herzegovina included).
- dl.* Balkan Peninsula Turkey in Europe, Roumania, Bulgaria, Servia, Montenegro and Greece.
- dm.* Mediterranean and Islands (Crete, Cyprus and Malta).
- dn.* Black Sea and Sea of Azov.
- do.* Baltic and Islands.
- dp.* North Sea.
- dq.* English Channel, including Channel Islands.

e. ASIA AND MALAY ARCHIPELAGO.

- ea.* Asiatic Russia.
- eaab.* West Siberia.
- eaab.* East Siberia.
- eaac.* Central Asiatic Russia.
- eb.* China and Dependencies : Mongolia, Tibet, etc. Korea.
- ec.* Japanese Islands : Formosa.
- ed.* French Indo-China : Tonquin, Annam, etc.

2.—UNTERABTHEILUNGEN.

EUROPA UND DAS MITTELLÄNDISCHE MEER MIT SEINEN INSELN.

- Skandinavien : Schweden, Norwegen, Dänemark; Island, Faröer.
- Das russische Reich und das Europäische Russland (einschl. Kaukasus).
- Nordrussland.
- Südrussland.
- Centralrussland.
- Kaukasus.
- Ural.
- Das Deutsche Reich.
- Holland; Belgien; Luxemburg.
- Die Britischen Inseln.
- Frankreich und Corsica.
- Iberische Halbinsel (einschl. Pyrenäen): Spanien (mit den balearischen Inseln); Portugal.
- Italien. Sicilien (mit den liparischen Inseln und Pantellaria). Sardinien.
- Die Schweiz.
- Die Alpen.
- Oesterreich-Ungarn (einschliesslich Bosnien und Herzegowina).
- Die Balkan-Halbinsel (Europäische Türkei, Rumänien, Bulgarien, Serbien, Montenegro, Griechenland).
- Das Mittelländische Meer mit seinen Inseln (Creta, Cypern und Malta).
- Schwarzes Meer und Asowsches Meer.
- Die Ostsee mit ihren Inseln.
- Die Nordsee.
- Englischer Kanal, einschl. Kanalinseln.

ASIEN UND DER MALAYISCHE ARCHIPEL.

- Asiatisches Russland.
- West-sibirien.
- Ost-sibirien.
- Russisches Centralasien
- China und zugehörige Länder: Mongolen, Tibet etc. Korea.
- Japanische Inseln; Formosa.
- Französisches Indo-China; Tonking, Annam etc.

N.B.—En général les îles qui se trouvent à plus de 160 kilomètres du continent sont classées comme îles océaniques, à moins que le contraire ne soit stipulé spécialement.

2.—SUBDIVISIONS.

d. EUROPE AVEC LA MÉDITERRANÉENNE ET SES ÎLES.

- da.* Scandinavie : Suède, Norvège, Danemark ; Islande, îles Féroë.
db. Empire russe et Russie d'Europe avec le Caucase.

- dba.* Russie Septentrionale.
dbb. Russie Méridionale.
dbc. Russie Centrale.
dbd. Caucase.
dbe. Région des Monts Oural.
dc. Empire Germanique.
dd. Hollande ; Belgique ; Luxembourg.
de. Îles Britanniques.
df. France et Corse.
dj. Péninsule ibérique avec les Pyrénées : Espagne (et Baléares) ; Portugal.
dh. Italie. Sicile (avec les îles Lipari et Pantellaria). Sardaigne.
di. Suisse.
dii. Alpes.
dk. Autriche-Hongrie (avec Bosnie et Herzégovine).
dl. Péninsule Balkanique (Turquie d'Europe, Roumanie, Bulgarie, Serbie, Monténégro et Grèce).

- dm.* Méditerranée avec ses îles (Crète, Chypre et Malte).
dn. Mer Noire et Mer d'Azov.
dô. La Baltique et ses îles.
dp. Mer du Nord.
dq. La Manche et ses îles.

e. ASIE ET ARCHIPEL MALAIS.

- ea.* Asie russe.
ea. Sibérie Occidentale.
eab. Sibérie Orientale.
eac. Asie centrale russe.
eb. Chine et ses dépendances : Mongolie, Tibet, etc. Corée.
ec. Archipel du Japon ; Formose.
ed. Indo-Chine Française : Tonkin, Annam, etc.

N.B.—Come regola generale, le isole lontane più di 160 miglia inglesi (160 chilometri) dal continente devono essere classificate come oceaniche, salvo speciali eccezioni.

2.—SUDDIVISIONI.

EUROPA, MARE MEDITERRANEO E LE SUE ISOLE.

Scandinavia : Svezia, Norvegia, Danimarca ; Islanda, Fär Öer.
 Impero Russo e Russia Europea compreso il Caucaso.

Russia Settentrionale.
 Russia Meridionale.
 Russia Centrale.
 Caucaso.
 Urali.
 Impero Germanico.
 Olanda ; Belgio ; Lussemburgo.
 Isole Britanniche.
 Francia e Corsica.
 Penisola iberica compresi i Pirenei ; Spagna (e isole Baleari) ; Portogallo.
 Italia ; Sicilia (colle isole Lipari e Pantellaria) e Sardegna.

Svizzera.
 Alpi.
 Austria-Ungheria (comprese Bosnia ed Erzegovina).
 Penisola Balcanica (Turchia Europea, Rumania, Bulgaria, Serbia, Montenegro e Grecia).
 Mediterraneo e Isole (Creta, Cipro e Malta).
 Mar Nero e Mare di Azov.
 Il Baltico e le sue isole.
 Mare del Nord.
 La Manica e le isole della Manica.

ASIA E ARCIPELAGO MALESE.

Russia Asiatica.
 Siberia Occidentale.
 Siberia Orientale.
 Russia Asiatica Centrale.
 Cina e dipendenze : Mongolia, Tibet, etc. Corea.
 Arcipelago del Giappone. Formosa.
 Indo-Cina Francese : Tonchino, Annam, etc.

- ec.* Siam.
- ef.* British India: Himalaya; Burma; Ceylon.
- ej.* Malay Peninsula from Isthmus of Kra; Malay Archipelago, including Halmahera (Gilolo) Ceram, Kei Islands, Timorlaut and Timor; the Philippines and China Sea.
- eh.* Persia; Afghanistan; Baluchistan; Pamirs.
- ei.* Asiatic Turkey; Arabia.
- ek.* Caspian; Sea of Aral (Aralo-Caspian depression).
- cl.* Persian Gulf.

f. AFRICA AND MADAGASCAR.

- fa.* Mediterranean States: Morocco, Algiers, Tunis, Tripoli.
- fb.* N.E. Africa; Egypt and Nile Valley to Lat. 5° N.; Egyptian Sudan; Abyssinia; Eritrea; Somaliland (British, French, Italian); Socotra. Nile River System as a whole.
- fc.* Sahara and the Central Sudan; Wadai, etc.
- fd.* West Africa, from Morocco to the Congo, including French Sudan and Upper Niger Region, but excluding Western Sahara.
- fe.* Congo State and Angola. Congo River System as a whole.
- ff.* East Africa; British (with Uganda); German; Portuguese (north of the Zambezi); British Central Africa; Lake Region. Works relating to Portuguese East Africa as a whole should be indexed under this section only.
- fg.* South Africa—South of Angola and the Zambezi.
- fh.* Madagascar and Comoro Group.
- fi.* Red Sea and Islands.

g. NORTH AMERICA.

- ga.* Alaska and Aleutian Islands.
- gb.* Canada as a whole.
- gc.* Canadian Dominion West: Yukon, British Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.
- gd.* Canadian Dominion East; Newfoundland.
- ge.* The Laurentian Lakes.
- gf.* United States as a whole.

Siam.

Britisch - Indien, einschliesslich Himalaya, Burma, Ceylon. Malayische Halbin-el südlich vom Isthmus von Kra, und Malayischer Archipel einschliesslich Halmahera (Gilolo), Ceram, Kei Inseln, Timorlaut und Timor; Philippinen; Chinesisches Südmeer.

Persien; Afghanistan; Belutschistan; Pamir.

Asiatische Türkei; Arabien.

Das Kaspische Meer; der Aral-See (Aralo-Kaspische Depression).

Der Persische Golf.

AFRIKA UND MADAGASKAR.

Die Mittelmeer-Staaten: Marokko. Algier, Tunis, Tripolis.

Nordost-Afrika: Egypten und Nilthal bis 5° N. Br.; Egyptischer Sudan; Abessinien; Eriträä; Somaliland (britisch, französisch, italienisch); Sokotra. Flusssystem des Nils als Ganzes.

Die Sahara und der Central-Sudan; Wadai etc.

West-Afrika, von Marokko bis zum Kongo, einschl. des französischen Sudans und der oberen Nigerregion, aber ohne die westliche Sahara.

Kongo-Staat und Angola. Flusssystem des Kongo als Ganzes.

Ostafrika; britisch (mit Uganda); deutsch; portugiesisch (nördlich des Sambesi); britisch Centralafrika; Seenregion. Arbeiten, die sich auf portugiesisch Ostafrika als Ganzes beziehen, sind nur in diese Abteilung aufzunehmen.

Süd-Afrika, südlich von Angola und dem Sambesi.

Madagaskar und Komoren.

Das Rothe Meer mit seinen Inseln.

NORD-AMERIKA.

Alaska und Aleutische Inseln.

Canada als Ganzes.

West-Canadisches Gebiet: Yukon, Britisch-Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.

Ost-Canadisches Gebiet; Newfoundland.

Gebiet der Laurentischen Seen.

Vereinigte Staaten als Ganzes.

- ee. Siam.
 ef. Indes Britanniques : Himalaya ; la Birmanie ; Ceylan.
 eg. La Péninsule Malaise depuis l'isthme de Kra ; l'Archipel Malais, y compris Halmahera (Gilolo) Ceram, îles de Kei, Timorlaut et Timor ; les Philippines et la Mer de Chine.
 eh. Perse ; Afghanistan ; Bélouchistan ; les Pamirs.
 ei. Turquie d'Asie ; Arabie.
 ek. Mer Caspienne ; Mer d'Aral (dépression Aralo-Caspienne).
 el. Golfe persique.

f. AFRIQUE ET MADAGASCAR.

- fa. Pays méditerranéens : Maroc, Algerie, Tunisie, Tripoli.
 fb. N.E. africain ; Egypte et la vallée du Nil jusqu'au 5° de lat. N. ; Soudan égyptien ; Abyssinie ; Erythrée ; Somaliland (britannique, français, italien) ; Socotra. Réseau hydrographique du Nil dans son entier.
 fc. Le Sahara et le Soudan central ; Wadai, etc.
 fd. Ouest africain, du Maroc au Congo, le Soudan français et la région supérieure du Niger inclus, mais sans le Sahara de l'ouest.
 fe. État du Congo et Angola. Réseau hydrographique du Congo dans son entier.
 ff. Est africain ; britannique (avec Uganda) ; allemand ; portugais (au nord du Zambèze) ; Afrique centrale britannique ; Région lacustre. Les ouvrages se rapportant à L'Est africain portugais dans son entier doivent être inscrits dans cette rubrique seulement.
 fg. Sud africain—Au sud d'Angola et du Zambèze.
 fh. Madagascar et groupe des Comores.
 fi. La Mer Rouge et ses îles.

g. AMÉRIQUE DU NORD.

- ga. Alaska et îles Aléoutines.
 gb. Le Canada dans son entier.
 gc. Puissance du Canada de l'ouest (Yukon, Colombie britannique, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
 gd. Puissance du Canada de l'est ; Terre neuve.
 ge. Région des grands lacs laurentiens.
 gf. États-Unis dans leur entier.

Siam.

India Britannica : Himalaya ; Birmanie ; Ceylan.

Penisola Malese dall'Istmo di Kra ; Arcipelago Malese, comprendendovi Halmahera (Gilolo), Ceram, isole di Kei, Timorlaut e Timor ; le Filippine e il Mar della Cina.

Persia ; Afghanistan ; Belucistan ; Pamir.

Turchia Asiatica ; Arabia.

Il Caspio ; mare Aral (depressione Caspio-Arale).

Golfo Persico.

AFRICA E MADAGASCAR.

Stati mediterranei : Marocco, Algeria, Tunisia, Tripolitania.

Africa del N.E. ; Egitto e Valle del Nilo fino al 5° di Lat. N. ; Sudan Egiziano ; Abissinia ; Eritrea ; Somalia (Britannica, Francese, Italiana) ; Socotra. Rete idrografica del Nilo in complesso.

Sahara e Sudan centrale ; Wadai, ecc.

Africa occidentale dal Marocco al Congo, comprendendovi il Sudan francese e la regione superiore del Niger, ma senza il Sahara occidentale.

Stato del Congo e Angola. Rete idrografica del Congo in complesso.

Africa orientale ; britannica (con Uganda) ; tedesca ; portoghese (a nord dello Zambesi) ; Africa centrale britannica ; Regione dei laghi. I lavori riferentisi alla Africa orientale portoghese in complesso si devono catalogare in questa rubrica soltanto.

Africa australe a sud di Angola e dello Zambesi.

Madagascar e Gruppo delle Comore. Il Mar Rosso e le sue isole.

AMERICA SETTENTRIONALE.

Alaska ed isole Aleutine.

Il Canada in generale.

Dominio del Canada occidentale (Yukon, Columbia Britannica, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).

Dominio del Canada orientale ; Terranova.

I Laghi Laurenziani.

Gli Stati Uniti in generale.

- gg.* North Eastern United States. East of Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* South Eastern United States, East of Mississippi.
- gi.* Western United States, West of Mississippi.
- gh.* Mississippi River System as a whole.
- gl.* Mexico.

Nordosten der Vereinigten Staaten, östlich vom Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).

Südosten der Vereinigten Staaten, östlich vom Mississippi.

Westen der Vereinigten Staaten, westlich vom Mississippi.

Flusssystem des Mississippi als Ganzes.

Mexiko.

h. CENTRAL AND SOUTH AMERICA AND WEST INDIES.

- hh.* Central America ; Guatemala ; Honduras ; British Honduras ; Salvador ; Nicaragua ; Costa Rica ; Panama.
- hi.* West Indian Islands ; Caribbean Sea ; Gulf of Mexico.
- hi.* Guiana : British, Dutch, and French ; Venezuela ; Trinidad ; Curaçao.
- he.* Colombia ; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brazil and Amazon River System as a whole.
- hi.* Argentina with Patagonia as a whole ; Uruguay and Paraguay.
- hk.* Chili.
- hl.* Tierra del Fuego and neighbouring islands ; Falkland Islands.
- hm.* The Andes.

CENTRAL-AMERIKA, SÜD-AMERIKA, WEST-INDIEN.

Central-Amerika : Guatemala, Honduras ; Britisch-Honduras ; Salvador Nicaragua ; Costa Rica ; Panama.

Westindische Inseln ; Caribisches Meer ; Golf von Mexiko.

Guyana : Britisch, Niederländisch und Französisch ; Venezuela ; Trinidad ; Kurassao.

Columbia ; Ecuador.

Peru.

Bolivia.

Brasilien und Flusssystem des Amazonas als Ganzes.

Argentinien mit Patagonien als Ganzes ; Uruguay und Paraguay.

Chile.

Feuerland und benachbarte Inseln ; Falkland Inseln.

Die Anden.

i. AUSTRALASIA.

- ii.* New Guinea with Waigoe, Misool and Aroo Islands.
- ib.* Bismarck Archipelago (New Britain, etc., to Solomon Islands inclusive).
- ic.* Australia as a whole.
- id.* Queensland.
- ie.* New South Wales with Norfolk and Lord Howe Islands.
- if.* Victoria.
- ig.* South Australia.
- ih.* Western Australia.
- ii.* Tasmania.
- ij.* New Zealand and neighbouring Islands (Kermadec, Auckland, Chatham, Macquario Islands, etc.).
- il.* New Caledonia, New Hebrides, and Loyalty Islands.

AUSTRALASIEN.

Neu-Guinea, mit Waigoe, Misool und Aroo-Inseln.

Bismarck-Archipel (Neu-Pommern etc. bis Salomo-Inseln).

Australien als Ganzes.

Queensland.

Neu-Süd-Wales mit Norfolk- und Lord Howe-Inseln.

Victoria.

Süd-Australien.

West-Australien.

Tasmanien.

Neu-Seeland und benachbarte Inseln (Kermadec, Auckland, Chatham, Macquario-Inseln etc.).

Neu-Caledonien, Neue Hebriden und Loyalitäts-Inseln.

gg. États-Unis du Nord-Est, à l'est du Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvanie, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).

Stati Uniti del Nord-Est, ad E. del Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).

gh. États-Unis du sud-est, à l'est du Mississippi.

Stati Uniti del Sud-Est, ad E. del Mississippi.

gi. États-Unis de l'ouest, à l'ouest du Mississippi.

Stati Uniti occidentali, ad W. del Mississippi.

gk. Réseau hydrographique du Mississippi dans son entier.

Rete idrografica del Mississippi in complesso.

gl. Mexique.

Messico.

h. AMÉRIQUE CENTRALE ET MÉRIDIIONALE; INDÉS OCCIDENTALES.

AMERICA CENTRALE E MERIDIONALE E INDIE OCCIDENTALI.

hb. Amérique centrale : Guatemala ; Honduras ; Honduras britannique ; Salvador ; Nicaragua ; Costa Rica ; Panama.

America Centrale : Guatemala ; Honduras ; Honduras Britannico ; Salvador ; Nicaragua ; Costa Rica ; Panama.

hc. Antilles ; Mer Caraïbe ; Golfe du Mexique.

Indie occidentali ; Mar dei Caribi ; Golfo del Messico.

hd. Guyanes britannique, hollandaise, et française ; Vénézuéla ; île de Trinité ; Curaçao.

Guiana : britannica, olandese e francese ; Venezuela ; Trinidad ; Curaçao.

he. Colombie ; Ecuateur.

Columbia ; Ecuador.

hf. Pérou.

Perù.

hg. Bolivie.

Bolivia.

hh. Brésil et réseau hydrographique de l'Amazonie dans son entier.

Brasile e rete idrografica dell'Amazoni in complesso.

hi. République Argentine avec la Patagonie en entier ; Uruguay et Paraguay.

Argentina colla Patagonia in complesso ; Uruguay e Paraguay.

hk. Chili.

Chili.

hl. Terre de feu et îles voisines ; les Falkland (Malouines).

Terra del Fuoco e Isole vicine ; Isole Falkland.

hm. Les Andes.

Le Ande.

i. AUSTRALIE.

AUSTRALIA E OCEANIA.

ia. Nouvelle Guinée avec les îles Waigoe, Misool et Aroo.

Nuova Guinea colle Isole Waigoe, Misool ed Aroo.

ib. Archipel de Bismarck (Nouvelle Bretagne avec les îles Salomon).

Arceipelago di Bismarck (Nuova Britannia, ecc., fino alle Solomone inclusivamente).

ic. L'Australie dans son entier.

Australia in generale.

id. Queensland.

Queensland.

ie. Nouvelle Galles du sud et îles Norfolk et Lord Howe.

Nuova Galles del Sud colle isole Norfolk e Lord Howe.

if. Victoria.

Victoria.

ig. Australie du sud.

Australia meridionale.

ih. Australie occidentale.

Australia occidentale.

ii. Tasmanie.

Tasmania.

ik. Nouvelle Zélande et îles avoisinantes (Kermadec, Auckland, Chatham, Macquaries, etc.).

Nuova Zelanda e isole vicine (Kermadec, Auckland, Chatham, Macquario, etc.).

il. Nouvelle Calédonie, Nouvelles Hébrides et îles Loyauté.

Nuova Caledonia, Nuove Ebridi e Isole Loyalty.

j. POLAR REGIONS IN GENERAL.

k. ARCTIC.

- ka. Arctic Ocean.
 kb. Greenland.
 kc. Archipelago north of North America.

kd. Islands north of Europe and Asia.

l. ATLANTIC.

- la. North Atlantic Ocean and Islands not otherwise specified.
 lb. Azores; Canaries; Madeira; Cape Verde.
 lc. South Atlantic and Islands.

m. INDIAN OCEAN.

- ma. Ocean and Islands N. of Equator.
 mb. Ocean and Islands S. of Equator, including Mascarene Islands, Amsterdam, and St. Paul.

n. PACIFIC.

- na. North Pacific Ocean (North of Equator).
 nb. South Pacific Ocean (South of Equator).
 nc. Behring Sea and Islands (excluding Aleutian Archipelago).
 nd. Sandwich Islands and scattered groups N. of Equator and E. of 180°.
 ne. Ladrone, Pelew, Caroline and Marshall Groups, with other Islands N. of Equator and W. of 180°.
 nf. Fiji Islands, Friendly Islands (Tonga), Samoa, Ellice, Phoenix Islands, etc., west of Meridian 160° W. of Greenwich.
 ng. Galapagos Islands.
 nh. Society Islands, Low Archipelago, Marquesas, and other Islands of S. Pacific, east of Meridian 160° W. of Greenwich.

o. ANTARCTIC.

- oa. Antarctic Continent as a whole.
 ob. S. Georgia, Sandwich Groups, and other Islands S. of S. Atlantic.
 oc. Prince Edward Island, Crozets, Kerguelen, and other Islands S. of Indian Ocean.
 od. Islands to Southward and Southeast of New Zealand and Area South of Pacific.

POLARGEBIET IM ALLGEMEINEN.

ARKTISCHES GEBIET.

Der Arktische Ocean.
 Grönland.
 Archipel nördlich von Nord-Amerika,

Inseln nördlich von Europa und Asien.

ATLANTISCHES GEBIET.

Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.

Azoren; Kanaren; Madeira; Cap Verde.

Der Südatlantische Ocean mit seinen Inseln.

INDISCHER OCEAN.

Ocean und Inseln nördlich vom Aequator.

Ocean und Inseln südlich vom Aequator, einschliesslich Maskarenen, Neu-Amsterdam und St. Paul.

PACIFISCHES GEBIET.

Nordpazifischer Ocean (nördlich vom Aequator).

Südpazifischer Ocean (südlich vom Aequator).

Berings Meer, nebst Inseln (ohne Aleuten-Archipel).

Sandwich-Inseln und zerstreute Gruppen nördlich vom Aequator und östlich vom 180. Grad.

Ladronen-, Palau-, Carolinen-, und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und westlich vom 180. Grad.

Fidschi-Inseln, Freundschafts-Inseln (Tonga), Samoa, Ellice-Inseln, Phoenix-Inseln etc., westlich vom Meridian 160° W.L.

Galapagos-Inseln.

Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pazifischen Oceans, östlich vom Meridian 16° W.L.

ANTARKTISCHES GEBIET.

Der Antarktische Kontinent als Ganzes.

Süd-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom südatlantischen Gebiet.

Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.

Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pazifischen Oceans.

j. REGIONS POLAIRES EN GÉNÉRAL.

h. RÉGIONS ARCTIQUES.

- ka.* Océan arctique.
kb. Groenland.
kc. Archipel au nord de l'Amérique du Nord.
kd. Iles au nord de l'Europe et de l'Asie.

l. ATLANTIQUE.

- la.* Océan Atlantique septentrional, et les îles qui n'ont pas été spécifiées ailleurs.
lb. Açores ; Canaries ; Madère ; Cap Vert.
lc. Atlantique méridional et ses îles.

m. OCEAN INDIEN.

- ma.* Océan et îles au nord de l'Equateur.
mb. Océan et îles au sud de l'Equateur, les Mascareignes et les îles Amsterdam et St. Paul.

n. PACIFIQUE.

- na.* Pacifique septentrional (au nord de l'Equateur).
nb. Pacifique méridional (au sud de l'Equateur).
nc. Mer de Behring et ses îles (moins l'archipel aléoutien).
nd. Iles Sandwich, avec les groupes insulaires situés au nord de l'Equateur et à l'est du 180°.
ne. Mariannes, Pelew, archipel des Carolines et de Marshall, avec les autres îles situées au nord de l'Equateur et à l'ouest du 180°.
nf. Iles Fidji, îles des Amis (Tonga), Samoa, Ellice, Phénix et autres, situées à l'ouest du méridien 160° O. (Greenwich).
ng. Iles Galapagos.
nh. Iles de la Société, Pomoutou, Marquises et autres îles du Pacifique méridional à l'est du méridien 160° O. (Greenwich).

o. RÉGIONS ANTARCTIQUES.

- oa.* Continent antarctique dans son entier.
ob. Géorgie du Sud, groupe des Sandwichs et autres îles au sud de l'Atlantique méridional.
oc. Iles du Prince Edouard, Crozet, Kerguelen et autres îles au sud de l'Océan Indien.
od. Iles au sud et au sud-est de la Nouvelle Zélande et la zone au sud du Pacifique.

REGIONI POLARI IN GENERALE.

REGIONE ARTICA

- Oceano Artico.
 Groenlandia.
 Arcipelago dell' America del Nord.
 Isole a N. dell' Europa e dell' Asia.

OCEANO ATLANTICO.

- Oceano Atlantico settentrionale e sue isole, non indicate altrove.
 Azorre ; Canarie ; Madera ; isole del Capo Verde.
 Atlantico meridionale e sue isole.

OCEANO INDIANO.

- Oceano e isole a Nord dell' Equatore.
 Oceano e isole a Sud dell' Equatore, comprendendovi le Mascarene, Amsterdam e S. Paolo.

OCEANO PACIFICO.

- Pacifico del Nord (a N. dell' Equatore).
 Pacifico del Sud (a S. dell' Equatore).
 Mar di Behring e sue isole (senza l'arcipelago delle Aleutine).
 Isole Sandwich e gruppi sparsi a N. dell' Equatore e ad E. del 180°.
 Isole dei Ladroni, Palau, Caroline e Marshall, con altre isole a N. dello Equatore e ad ovest del 180°.
 Isole Figi degli Amici (Tonga), Samoa, Ellice, Fenice, etc., ad ovest del 160° W. da Greenwich.
 Isole Galapagos.
 Isole della Società, Arcipelago di Low, Marchesi e altre isole del Pacifico meridionale, ad Est del meridiano 168° W. da Greenwich.

REGIONE ANTARTICA.

- Regione antartica in generale.
 Georgia australe, gruppo delle Sandwich e altre isole a Sud dell'Atlantico meridionale.
 Isole del Principe Edoardo, Crozet, Kerguelen e altre isole a Sud dell'Oceano Indiano.
 Isole a Sud e a Sud-Est della Nuova Zelanda e regione a Sud del Pacifico.



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0040 ADDRESSES, LECTURES, ETC., OF A GENERAL CHARACTER.

Dubois. 10422. Von alten zu neuen Lebenswelten. (Holländisch.)

0050 PEDAGOGY.

Berg. 10298. Die Einrichtung geologischer, paläontologischer und mineralogischer Schulsammlungen.

0060 INSTITUTIONS, MUSEUMS, COLLECTIONS, ECONOMICS.

Abel. 10277. Die österreichische paläontologische Expedition nach Griechenland.

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0070 NOMENCLATURE.

Pilgrim. 10626. Correction in generic nomenclature of Bugti fossil mammals.

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Barbour. 10294. [Review of] Distribution and origin of life in America. [By R. F. Scharff.]

Berry. 10304. The affinities and distribution of the Lower Eocene flora of southeastern North America.

Burling. 10350. Cambrian and related Ordovician Brachiopoda—a study of their inclosing sediments.

Clark. 10382. The Neocene section at Kirker pass on the north side of Mount Diablo.

Dachnowski. 10400. The problem of xeromorphy in the vegetation of the Carboniferous period.

Lindberg. 10545. Phytopaläontologisches aus Raseborg, Finland (Schwedisch.)

Lucas. 10551. Animals of the past: An account of some of the creatures of the ancient world.

Simroth. 10685. Die Pendulationstheorie.

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Barbour. 10294. [Review of] Distribution and origin of life in America. [By R. F. Scharff.]

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Clark. 10382. The Neocene section at Kirker Pass on the north side of Mount Diablo.

Cotter. 10398. Notes on the value of nummulites as zone fossils with a description of some Burmese species.

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Raymond. 10646. The succession of faunas at Lévis, P. Q.

Reeds. 10652. The Hunton formation of Oklahoma.

Smith, B. 10690. Fossils of the Paleozoic formations within the Syracuse quadrangle. 10693: Morphologic sequences in the canaliculate Fulgurs. [Phylogeny of structures from Oligocene to Recent.]

Smith, J. P. 10694. On the distribution of Lower Triassic faunas.

Walther. 10738. Alter und geologischer Charakter der sogen. Pampasformation in Uruguay.

Williams. 10755. Recurrent *Tropidoleptus* zones of the Upper Devonian in New York.

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Abel. 10276. Die Herkunft der Bartenwale. 10279. Neuere Wege phylogenetischer Forschung.

Anthony. 10287. La disparition des espèces et l'extinction des phylums.

Broom. 10331. On the origin of the cheiropterygium. 10332: On evidence of a mammal-like dental succession in the cynodont reptiles.

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Huene. 10488. Geschichte der Archosaurier.

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Matthew. 10562. Time ratios in the evolution of mammalian phyla. A contribution to the problem of the age of the earth.

Osborn. 10609. Recent results in the phylogeny of the titanotheres. 10612: Rectigradations and allometrons in relation to the conceptions of the "mutations of Waagen," of species, genera, and phyla.

Smith, B. 10693. Morphologic sequences in the canaliculate Fulgurs. [Phylogeny of structures from Oligocene to Recent.]

Smith, J. P. 10696. Acceleration of development in fossil cephalopoda.

Wieland. 10753. A study of some American fossil cycads. Part 7. Further notes on disk structure. 10754: Was the *Pterophyllum* foliage transformed into the leafy blades of dicotyls?

0210 FOSSILS OF INDETERMINATE BIOLOGICAL CHARACTER.

Van Tuyl and Berckhemer. 10732. A problematic fossil from the Catskill formation.

0220 FOSILISATION.

Burling. 10350. Cambrian and related Ordovician Brachiopoda—a study of their inclosing sediments.

Greger. 10460. On the retention of the original color ornamentation in fossil brachiopods.

Zalësskij. 10778. Une nouvelle méthode pour l'exploration de la structure des charbons fossiles. (Russe.)

PALAEOZOOLOGY.

A. STRATIGRAPHICAL CLASSIFICATION.

38 FOSSILS OF DOUBTFUL
STRATIGRAPHICAL POSI-
TION.

38.0831 COELENTERATA.

e ASIA.*eb* China.

Yabe. 10775. Über *Myriopora Verbeeki* Volz und *Stromatopora japonica* Yabe.

39 GENERAL.

39.0231 PALAEOZOOLOGIA
GENERALIS.

Abel. 10281. Paläontologie und Paläozoologie. 10282 Die Tiere der Vorwelt.

Loewe. 10548. Vorkommen von Zahnerkrankungen und speziell von Karies bei fossilen Tieren.

e ASIA.*eg* Philippine Islands.

Smith. 10697. Contributions to the stratigraphy and fossil invertebrate fauna of the Philippine Islands.

AUSTRALIA.

Chapman. 10373. Australasian fossils.

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Deecke. 10493. Paläontologische Betrachtungen. VI über Foraminiferen.

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Jourdy. 10512. L'architecture des animaux-plantes. 10513: Coralliaires et bactéries corallicoles.

39.1031 ECHINODERMATA.

Vadász. 10729. Regenerationsercheinungen an fossilen Echinoiden.

39.2031 BRACHIOPODA AND
BRYOZOA.

Canu. 10355. Études morphologiques sur trois nouvelles familles de Bryozoaires.

Greger. 10460. On the retention of the original colour ornamentation in fossil brachiopods.

39.2231 MOLLUSCA.

Douville. 10416. Classification des Lamellibranches.

Ličkov. 10542. Sur les Trigones.

Reis. 10654. Zur Morphologie der Austernschale.

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39.2431 ARTHROPODA, INCLUD-
ING INSECTA.

Handlirsch. 10467. Fortschritte auf dem Gebiete der Entomo-Paläontologie.

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Broom. 10331. On the origin of the cheiropterygium.

Lucas. 10551. Animals of the past: An account of some of the creatures of the ancient world.

39.5631 REPTILIA AND
BATRACHIA.

Broom. 10332. On evidence of a mammal-like dental succession in the cynodont reptiles. 10333: On the squamosal and related bones in the mosasaurs and lizards.

Gilmore. 10450. Osteology of the armoured Dinosauria in the United States National Museum, with special reference to the genus *Stegosaurus*.

Huene. 10485. Das natürliche System der Saurischia. 10488: Geschichte der Archosaurier.

Williston. 10763. Water reptiles of the past and present.

39.6031 MAMMALIA.

Abel. 10280. Die vorzeitlichen Säugetiere.

Bölsche. 10318. Tierwanderungen in der Urwelt.

Broom. 10328. On the origin of the mammalian digital formula.

Lohr. 10549. Die Anpassung an die Rhizophagie im Marsupialierstamme.

d EUROPE.

dbb Southern Russia.

Bogačev. 10320. Musée du Don à Novočerkassk. (Russe.)

45.0231 PALAEOZOOLOGIA.

g NORTH AMERICA.

gb Canada as a Whole.

Anci. 10284. Les faunes paléozoïques et celles qui s'y rattachent.

gg North Eastern United States.

Smith. 10690. Fossils of the Paleozoic formations within the Syracuse quadrangle.

gh South Eastern United States.

Foerste. 10434. The Rogers Gap fauna of central Kentucky.

k ARCTIC.

Schuchert. 10673. Arctic Paleozoic fossils.

45.0831 COELENTERATA, INCLUDING GRAPTOLITHOIDEA.

O'Connell. 10600. Revision of the genus *Zaphrentis*.

d EUROPE.

dba Northern Russia.

Steinmann. 10705. *Gymnosolen Ramsayi* aus Kanin.

g NORTH AMERICA.

gh South-Eastern United States.

Foerste. 10434. The Rogers Gap fauna of central Kentucky.

45.1031 ECHINODERMATA.

g NORTH AMERICA.

gh Mississippi River System as a Whole.

Foerste. 10434. The Rogers Gap fauna of central Kentucky.

gi Western United States.

Wood. 10770. The use of crinoid arms in studies of phylogeny.

45.2031 BRACHIOPODA AND BRYOZOA.

d EUROPE.

de German Empire.

Assmann. 10288. Die Fauna der Erbsloch-Grauwacke bei Densberg im Kellerwald.

45.2231 MOLLUSCA.

g NORTH AMERICA.

gh Mississippi River System as a whole.

Foerste. 10434. The Rogers Gap fauna of central Kentucky.

k ARCTIC.

Schuchert. 10673. Arctic Paleozoic fossils.

45.2831 XIPHOSURA.

g NORTH AMERICA.

gh South-Eastern United States.

Foerste. 10434. The Rogers Gap fauna of central Kentucky.

50 LOWER PALAEOZOIC.

50.0231 PALAEOZOOLOGIA.

e ASIA.

Walcott. 10736. Cambrian geology and paleontology.

g NORTH AMERICA.

gce British Columbia.

Burling. 10351. Early Cambrian stratigraphy in North American Cordillera, with discussion of Albertella and related faunas.

gd Canadian Dominion East.

Raymond. 10646. The succession of faunas at Lévis, P.Q.

gf Western United States.

Burling. 10351. Early Cambrian stratigraphy in North American Cordillera, with discussion of *Albertella* and related faunas.

gde Ontario.

Ami. 10283. Preliminary lists of organic remains from the Chazy, Black River, Trenton, and pleistocene formations comprised within the area of the Pembroke sheet (No. 122).

g NORTH AMERICA.*gdf* Quebec.

Ami. 10283. Preliminary lists of organic remains from the Chazy, Black River, Trenton, and pleistocene formations comprised within the area of the Pembroke sheet (No. 122).

50.0431 PROTOZOA.

i AUSTRALIA.*ig* South Australia.

Howchin. 10483. Occurrence of *Cryptozoön* in the Cambrian of Australia.

50.0831 COELENTERATA.

Manck. 10556. *Retiolites macilentus* Törnq.

f AFRICA AND MADAGASCAR.*fa* Mediterranean States.

Dollé. 10413. Les graptolites de la haute plaine du Tidikelt.

50.1031 ECHINODERMATA.

Kirk. 10520. The fossil crinoid genus *Homocrinus* Hall.

e ASIA.*eb* China and Dependencies.

Reed. 10650. Provisional determination of Echinoderma Ordovician and Silurian beds of Western Yunnan. 10650a: Silurian fossils from Kashmir.

ef British India.

Reed. 10651. *Camarocrinus asiaticus* from Burma.

g NORTH AMERICA.*gg* North Eastern United States.

Williams. 10756. A starfish found in the Whitewater division of the Richmond on Blue creek, Adams county, Ohio.

50.2031 BRACHIOPODA INCL.
BRYOZOA (POLYZOA).*a* THE EAST AS A WHOLE.

Burling. 10350. Cambrian and related Ordovician Brachiopoda—a study of their inclosing sediments.

Reed. 10650a. Silurian fossils from Kashmir.

50.2231 MOLLUSCA.

e ASIA*eb* China and Dependencies,

Reed. 10650. Provisional determination of Mollusca of Ordovician and Silurian beds of Western Yunnan.

ef British India.

Reed. 10650a. Silurian fossils from Kashmir.

f AFRICA.*fa* Mediterranean States.

Dollé. 10412. Le dinantien supérieur (Viséus) de la vallée de l'Oued Zousfana. Paléontologie.

50.2631 CRUSTACEA.

Bonnema. 10321. The genus *Kloedenella*, Ulrich and Bassler.

e ASIA.*eb* China and Dependencies.

Reed. 10650. Provisional determination of Crustacea of the Ordovician and Silurian beds of Western Yunnan.

ef British India.

Reed. 10650a. Silurian fossils from Kashmir.

50.2831 XIPHOSURA.

e ASIA.

Walcott. 10736. Cambrian geology and palaeontology. 3. No. 1.—The Cambrian faunas of eastern Asia.

ef **British India.**

Reed. 10650A. Silurian fossils from Kashmir.

f **AFRICA.***fg* **South Africa.**

Shand. 10681. On the occurrence of the Brazilian Trilobite *Pennaia* in the Bokkeveld beds.

g **NORTH AMERICA.**

Walcott. 10736. Cambrian geology and paleontology, 2. No. 13.—*Dikelocephalus* and other genera of the *Dikelocephalinae*.

gg **North Eastern United States.**

Raymond. 10647. Note on the ontogeny of *Paradoxides*, with the description of a new species from Braintree, Mass.

55 UPPER PALAEOZOIC.**55.0231 PALAEOZOOLOGIA GENERALIS.**

Carpentier. 10358. Empreintes végétales et remarques sur la faune du calcaire de Bachant.

Smyth. 10698. On the faunal zones of the Rush-Skerries Carboniferous section, co. Dublin.

d **EUROPE.***de* **German Empire.**

Kegel. 10516. Der Taunusquarzit von Katzenlbogen.

Meyer. 10580. Der Lahnporphyr bei Diez und eine begleitende Fauna.

df **France.**

Delépine. 10404. Faune du calcaire carbonifère du bassin de Laval.

Döring. 10411. Die Caiqua-Schicht im Paffrather Stringocephalenkalk.

dg **Spain.**

Pruvost. 10638. L'âge des schistes pourprés de Papiol, près Barcelone.

dk **Austria-Hungary.**

Heritsch. 10477. Richtigstellungen zu L. Kober's Angaben über das Paläozoicum von Graz.

(K-5109)

g **NORTH AMERICA.***gg* **North Eastern United States.**

Grabau. 10456. Preliminary report on the fauna of the Dundee limestone of southern Michigan. [*In*: Sherzer, W. H. Geological report on Wayne County.]

Sherzer. 10682. Geological report on Wayne county [Michigan].

h **CENTRAL AND SOUTH AMERICA.**

Meyer. 10579. Carbonfaunen aus Bolivia und Peru.

hh **Brazil.**

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland islands.

l **ATLANTIC.***lc* **South Atlantic and Islands.**

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland islands.

55.0431 PROTOZOA.*g* **NORTH AMERICA.***gf* **United States as a whole.**

Girty. 10452. On the names of American Fusulinas.

55.0631 PORIFERA.*d* **EUROPE.***df* **France.**

Heinrich. 10474. Bau und System der Stromatoporoidea.

55.0831 COELENTERATA, INCL. GRAPTOLITHOIDEA.

Charlesworth. 10376. Korallen und Stromatoporoidea.

Haack. 10465. Über eine Marine Permfauna aus Nordmexiko nebst Bemerkungen über Devon daselbst.

Salée. 10666. Sur quelques Polyptères carbonifériens du Muséum d'Histoire naturelle de Paris.

d **EUROPE.***de* **German Empire.**

Gürich. 10464. Solenopora im oberdevonischen Kontaktkalk von Ebersdorf bei Neurode in Schlesien.

dii Alps.

Charlesworth. 10377. Riffkorallen aus dem Unterdevon der Karnischen Alpen.

e ASIA.

ea Central Asiatic Russia.

Peetz. 10615. *Nymphaeoblastus Miljukovi*, eine neue Gattung und Art der Blastoidea. (Russ. mit deutsch. Rés.)

g NORTH AMERICA.

gi Western United States.

Barbour. 10292. *Medusina walcotti*, a Carboniferous jellyfish.

55.1031 ECHINODERMATA.

Charlesworth. 10375. Das Devon der Ostalpen. Begonnen von F. Frech. Die Fauna des devonischen Riffkalkes. III Crinoiden.

g NORTH AMERICA.

gi Western United States.

Wood. 10770. The use of crinoid arms in studies of phylogeny.

h SOUTH AMERICA.

hh Brazil

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland islands.

l ATLANTIC.

la South Atlantic and Islands.

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland islands.

55.2031 BRACHIOPODA, INCL. BRYOZOA (POLYZOA).

d EUROPE.

db Russian Empire.

Lebedev. 10538. Materialien zur Geologie des Donetzbeckens, Spiriferidæ aus den Karbonablagerungen des Donetzbeckens und einiger anderer Gebiete Russlands.

dbc Central Russia.

Sobolev. 10699. Das obere Neodevon von Lagov. (Russ.)

dc German Empire.

Quiring. 10642. Zusammenstellung der Strophomeniden des Mitteldevons der Eifel nebst Beiträgen zur Kenntniss der Wanderbewegung der Brachiopoda in Eifeldevon.

g NORTH AMERICA.

gg North Eastern United States.

Grabau. 10456. Preliminary report on the fauna of the Dundee limestone of southern Michigan.

Pirsson and Schuchert. 10632. Note on the occurrence of the Oriskany Formation on Parlin Stream, Maine.

h SOUTH AMERICA

hg Bolivia.

Kozłowski. 10525. Les Brachiopodes du carbonifère supérieur de Bolivie.

hh Brazil.

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland islands.

ATLANTIC.

lc South Atlantic and Islands.

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland islands.

55.2231 MOLLUSCA.

Frech. 10440 Über einige mitteldevonische *Bellerophon*-Arten.

Leidhold. 10540. Über einen *Manticoceras „intumescens* Beyr.“ sp. mit erhaltener Mündung.

d EUROPE.

dbc Central Russia.

Sobolev. 10699. Das obere Neodevon von Lagov. (Russ.)

dc German Empire.

Pohlig. 10633. Neue rheinische Haliseritenfunde. 10634: *Beneckeia subdenticulata* Pohlig aus dem Rotdolomit von Jena.

df

France.

Pruvost. 10641. Les niveaux à Lamellibranches d'eau douce dans le terrain houiller du nord de la France, leur faune et leur distribution stratigraphique.

e

ASIA.

eb

China.

Frech. 10441. Ein neues Vorkommen des Stringocephalenkalkes in Hunan (Südchina).

g

NORTH AMERICA.

gg North Eastern United States.

Girty. 10451. 1. On some growth markings of two species of Carboniferous gastropods. [Glyptobasis marshalli n. sp. and Holoepa proutana Hall. With bibliography.]

Pirsson and Schuchert. 10632. Note on the occurrence of the Oriskany Formation on Parlin Stream, Maine.

Roundy. 10663. Original color markings of two species of Carboniferous gastropods. [Glyptobasis marshalli n. sp. and Holoepa proutana Hall. With bibliography.]

Van Tuyl and Berckhemer. 10732. A problematic fossil from the Catskill formation.

Williams. 10755. Recurrent Tropidoleptus zones of the Upper Devonian in New York.

h CENTRAL AND SOUTH AMERICA.

hh Brazil.

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland islands.

ATLANTIC.

lc South Atlantic and Islands.

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland islands.

55.2431 ARTHROPODA, INCLUDING INSECTA.

d

EUROPE.

df

France.

Meunier. 10576. Un nouveau Protorthoptère du houiller de Commeny (Allier). 10577: Un nouveau Paléodictyoptère (Sténodictyoptère) du (x-5109)

houiller de Commeny (Allier). 10578: Un Protoblattide et un Blattide du houiller de Commeny (Allier).

Pruvost. 10639. Les Insectes houillers du nord de la France.

55.2631 CRUSTACEA.

g

NORTH AMERICA.

gi Western United States.

Barbour. 10293. Carboniferous Eurypterids of Nebraska.

55.2831 XIPHOSURA EURIPTERIDA, TRILOBITA.

Richter. 10659. Hypostom und einige Arten der Gattung Cyphaspis.

d

EUROPE.

dc German Empire.

Richter. 10658. Das Uebergreifen der pelagischen Trilobitengattungen Tropidocoryphe und Thysanopeltis in das normale Rheinische Mitteldevon der Eifel (und Belgiens).

dd

Belgium.

Richter. 10658. Das Uebergreifen der pelagischen Trilobitengattungen Tropidocoryphe und Thysanopeltis in das normale Rheinische Mitteldevon der Eifel (und Belgiens).

g

NORTH AMERICA.

gd Canadian Dominion East.

Clarke. 10386. A notable trilobite from the Percé rock.

gg North Eastern United States.

Grabau. 10456. Fauna of the Dundee limestone of southern Michigan.

h CENTRAL AND SOUTH AMERICA.

hh Brazil.

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland islands.

l

ATLANTIC.

lc South Atlantic and Islands.

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland islands.

55.5231 VERTEBRATA.

g NORTH AMERICA.

gi Western United States.

Twenhofel. 10727. A new locality and horizon for Pennsylvanian vertebrates. [Lawrence shales, Kansas.]

55.5431 PISCES.

Reis. 10655. Über permische Pleuracanthidenreste.

d EUROPE.

df France.

Bézier. 10313. L'existence de *Ctenacanthus* cf. *bohemicus* Barr. dans le calcaire dévonien inférieur de la Roussière en Saint-Germain-le-Fouilleux.

55.5631 REPTILIA AND BATRACHIA.

Broom. 10335. On the cotylosaurian genus *Pantylus* Cope. 10337: Some points in the structure of the diadectid skull. 10339: A further comparison of the South African dinocerophalians with the American pelycosaur.

Case. 10360. Restoration of *Edaphosaurus cruciger* Cope.

—— and **Williston.** 10361. A description of *Aspidosaurus novomexicanus* Williston. 10362: Description of a nearly complete skeleton of *Diasparactus zenos* Case. 10363: A description of certain collections of bones referred to *Sphenacodon* Marsh.

Dahmer. 10401. Ein Häutungsplatz von *Homalonotus gigas* A. Roem im linksrheinischen Unterdevon.

Huene. 10484. The skull elements of the Permian Tetrapoda in the American museum of natural history, New York.

Mehl. 10563. *Pantylus cordatus* Cope.

Williston. 10758. The skulls of *Araucoscelis* and *Casea*, Permian reptiles.

—— and **Case.** 10764. Description of a nearly complete skeleton of *Ophiacodon*.

d EUROPE.

db Russian Empire.

Broom. 10329. On the relationship of the South African Permian reptiles to those of Russia.

dk Austria-Hungary.

Hummel. 10492. *Ricnodon* cf. *dispersus* Fritsch aus dem böhmischen Obercarbon.

f AFRICA.

fg South Africa.

Broom. 10329. On the relationship of the South African Permian reptiles to those of Russia. 10330: On some new genera and species of dicynodont reptiles, with notes on a few others.

Stromer. 10715. Die ersten fossilen Reptilreste aus Deutsch-Südwestafrika und ihre geologische Bedeutung.

g NORTH AMERICA.

Broom. 10336. Permian temnospondylous stegocephalians of North America.

Williston. 10762. American permocarboniferous Reptiles and Amphibians.

gg North Eastern United States.

Moodie. 10582. The Mazon creek, Illinois, shales and their amphibian fauna. 10583: The fossil frogs of North America.

gi Western United States.

Broili. 10327. Schädelbau von *Varanosaurus acutirostris*.

Broom. 10334. On the structure and affinities of *Bolosaurus*.

Case, Williston and Mehl. 10304. Permian-Carboniferous vertebrates from New Mexico.

Mehl. 10566. A description of *Chenoprosopus milleri*, gen. et sp. nov.

Williston. 10757. *Ostodolepsis brevispinatus*, a new reptile from the Permian of Texas. 10759: *Broiliellus*, a new genus of amphibians from the Permian of Texas. 10760: Restorations of some American Permocarboniferous amphibians and reptiles. 10761: The osteology of some American Permian vertebrates.

Williston and Case. 10765. A description of *Scoliomus puercensis*, new genus and species. 10766: A description of *Edaphosaurus* Cope.

60 MESOZOIC (GENERAL).

60.2231 MOLLUSCA.

Douvillé. 10419. Influence du mode de vie sur la ligne suturale des Ammonites appartenant à la famille des Cosmocerotidae.

60.5431 PISCES.

f AFRICA.

fd West Africa.

Mann und Hennig. 10557. Mesozoische Ablagerungen in Adamaua, Kamerun.

60.5631 REPTILIA AND BATRACHIA.

Hay. 10473. On the manner of locomotion of the Dinosaurs, especially *Diplodocus*, with remarks on the origin of the birds.

Huene. 10489. Schädel einiger Pterosaurier. 10491: Zweistämmigkeit der Dinosaurier, mit Beiträgen zur Kenntnis einiger Schädel.

60.6031 MAMMALIA.

Broom. 10338. On the structure and affinities of the Multituberculata.

65 TRIASSIC.

65.0231 PALAEOZOOLOGIA GENERALIS.

Smith. 10694. On the distribution of Lower Triassic faunas.

d EUROPE.

dg Iberian Peninsula.

Wurm. 10771. Beiträge zur Kenntnis der iberisch-balearischen Triasprovinz.

g NORTH AMERICA.

Smith. 10695. The Middle Triassic marine invertebrate faunas of North America.

65.0831 COELENTERATA.

e ASIA.

ec Japanese Islands.

Yabe. 10775. Über *Myriopora Verbeeki* Volz und *Stromatopora japonica* Yabe.

65.1031 ECHINODERMATA.

g NORTH AMERICA.

Smith. 10695. The Middle Triassic marine invertebrate faunas of North America.

65.2031 BRACHIOPODA AND BRYOZOA.

e ASIA.

eg Malay Peninsula.

Seidlitz. 10676. *Misólia*, eine neue Brachiopoden-Gattung aus den Athyridenkalken von Buru und Misól.

g NORTH AMERICA.

Smith. 10695. The Middle Triassic marine invertebrate faunas of North America.

65.2231 MOLLUSCA.

d EUROPE.

dc German Empire.

Rassmuss. 10643. Alpine Cephalopoden im niederschlesischen Muschelkalk.

dk Austria-Hungary.

Toula. 10724. Geologisch-paläontologische Beobachtungen aus der Gegend von Drvar, Péci und Duler in Westbosnien.

g NORTH AMERICA.

Smith. 10695. The Middle Triassic marine invertebrate faunas of North America.

gg North Eastern United States.

Troxell. 10726. Unios in the Triassic of Massachusetts.

65.2631 CRUSTACEA.

d EUROPE.

dc German Empire.

Handlirsch. 10468. Eine interessante Crustaceenform aus der Trias der Vogesen.

65.5431 PISCES.

Eastman. 10423. Triassic fishes belonging to the families *Catopteridae* and *Semionotidae*.

g NORTH AMERICA.*gi* Western United States.

Bryant. 10348. Teeth of a cestracient shark from the Upper Triassic of northern California.

65.5631 REPTILIA ET
BATRACHIA.

Huene. 10490. Nachträge zu meinen früheren Beschreibungen triassischer Saurischia.

d EUROPE.*de* German Empire.

Drevermann. 10421. Über einen Schädel von *Trematosaurus*.

Fraas. 10438. Die neuesten Dinosaurierfunde in der schwäbischen Trias.

Huene. 10486. Neue Beschreibung von *Ctenosaurus* aus dem Göttinger Buntsandstein. 10487: Coelurosaurier-Reste aus dem unteren Muschelkalk.

g NORTH AMERICA.*gi* Western United States.

Mehl. 10565. *Angistorhinus*, a new genus of Phytosauria from the Trias of Wyoming.

70 JURASSIC.

70.0231 PALAEOZOOLOGIA
GENERALIS.*d* EUROPE.*da* German Empire.

Schirardin. 10669. Der obere Lias von Barr-Heiligenstein.

h CENTRAL AND SOUTH AMERICA.

Jaworski. 10500. Jura in Süd-Amerika.

70.0631 PORIFERA.

d EUROPE.*dbb* Southern Russia.

Karakasch. 10515. Les restes problématiques du *Cephalites maximus* Eichw. (Russe av. rés. fr.)

70.1031 ECHINODERMATA.

d EUROPE.*dbc* Central Russia.

Riabini. 10656. Echinodermes jurassiques de Popelany en Lithuanie. (Russe av. rés. fr.)

df France.

Lissajous. 10546. Echinides jurassiques des environs de Mâcon.

70.2031 BRACHIOPODA.

Canu. 10354. L'étude des Bryozoaires fossiles. XIII. Bryozoaires jurassiques.

e ASIA.*ef* British India.

Steiger. 10704. Brachiopoda from Spiti shales.

i AUSTRALASIA.*ia* New Guinea.

Boehm. 20311A. *Rhynchonella* aff. *moluccana* G. Boehm von Neu-Guinea.

70.2231 MOLLUSCA.

Douvillé. 10420. Ammonites remarquables ou peu connues.

Loesch. 10547. Die Nautilen des weissen Jura.

Schirardin. 10669. Der obere Lias von Barr-Heiligenstein.

d EUROPE.*dba* Central Russia.

Riabini. 10657. Veränderlichkeit des Gewindewinkels der *Pleurotomaria Buchiana* aus den Juraablagerungen von Popeljany. (Russ.)

de German Empire.

Schmidt. 10671. Die Arien des unteren Lias von Harzburg.

df France.

Douvillé. 10418. Les Cardioceratides de Dives, Villers-sur-Mer et quelques autres gisements.

Maire. 10554. Études géologiques et paléontologiques sur l'arrondissement de Gray. Les Gastropodes du Jurassique supérieur graylois (Ire Partie).

Roman. 10662. La faune des Céphalopodes de l'Aalénien supérieur de la vallée du Rhône (zone à *Ludwigia concava*).

ASIA.

Japanese Islands.

Yokoyama. 10777. On a jurassic ammonite from Rikuzen.

British India.

Steiger. 10704. Ammonoidea from Spiti shales.

ARCTIC.

Islands North of Europe and Asia.

Sokolov. 10700. Les fossiles des blocs erratiques de Novaia Zemlia. (Russe.)

70.2631 CRUSTACEA.

AUSTRALASIA.

New Guinea.

Boehm. 10316. Fauna des Unteren Calloviens und der Coronaten-schichten von Neu-Guinea.

70.5631 REPTILIA ET
BATRACHIA.

Mook. 10584. *Camarasaurus* Cope.

EUROPE.

German Empire.

Brandes. 10324. Plesiosauriden aus dem Unteren Lias von Halberstadt.

Grier. 10461. A new rhynchocephalian from the Jura of Solenhofen.

NORTH AMERICA.

gi - Western United States.

Gilmore. 10450. Osteology of the armored Dinosauria in the United States National Museum, with special reference to the genus *Stegosaurus*.

Mehl. 10564. *Muraenosaurus ? reedii*, sp. nov. and *Tricleidus ? laramiensis* Knight, American Jurassic plesiosaurs.

Moodie. 10583. The fossil frogs of North America.

70.6031 MAMMALIA.

Pilgrim. 10626. Correction in generic nomenclature of Bugti fossil mammals.

CRETACEOUS.

75.0231 PALAEOZOOLOGIA
GENERALIS.

NORTH AMERICA.

gi Western United States.

Whitney. 10745. Fauna of the Buda limestone.

75.0431 PROTOZOA.

EUROPE.

de German Empire.

Franke. 10439. Die Fauna des Emschers bei Dortmund.

Geinitz. 10445. Foraminiferen in Diluvialschichten.

75.0631 PORIFERA.

EUROPE.

de German Empire.

Franke. 10439. Die Fauna des Emschers bei Dortmund.

75.0831 COELENTERATA, INCLUD-
ING GRAPTOLITHOIDEA.

EUROPE.

da Scandinavia.

Nielsen. 10594. *Moltkia Isis*, Steenstrup and other Octocorallia from Danish cretaceous deposits.

dbb Southern Russia.

Karakasch. 10514. Les Isidines fossiles. (Russe av. rés. fr.)

de German Empire.

Richters. 10660. Berichtigung [zu. d. Artikel des Verf. über *Kristinella*, 1913].

ASIA.

sac Central Asiatic Russia.

Karakasch. 10514. Les Isidines fossiles. (Russe av. rés. fr.)

75.1031 ECHINODERMATA.

EUROPE.

da Scandinavia.

Nielsen. 10522. The Crinoids in the cretaceous deposits of Denmark.

ds German Empire.

Franke. 10439. Die Fauna des Emschers bei Dortmund.

df France.

Démoly. 10405. Observations sur les Echinides de la Savoie.

Valette. 10730. Description de quelques Echinides nouveaux de la craie.

75.2031 BRACHIOPODA INCLUDING BRYOZOA (POLYZOA).

d EUROPE.*da* Scandinavia.

Nielsen. 10593. Some remarks on the Brachiopods of the Chalk in Denmark. I. Survey of the new species of Brachiopods described by the author in 1909 and 1911. II. A development Series of *Rhynchonella* in the Danian.

75.2231 MOLLUSCA.

Cossmann. 10397. *Anatina negrei* n. sp.

d EUROPE.*dbd* Caucasus.

Sinzow. 10687. Beiträge zur Kenntnis der unteren Kreideablagerungen des Nord-Kaukasus.

Švecov. 10717. Les Bélemnites infracrétacées de l'Abkhazi (Gagry-Soukhoun). (Russe av. rés. fr.)

dc German Empire.

Franke. 10439. Die Fauna des Emschers bei Dortmund.

df France.

Kilian et Reboul. 10519. La présence des Céphalopodes à affinités indo-africaines dans le crétacé moyen de Cassis (Bouches-du-Rhône).

Lecointre. 10539. Sur deux *Aporrhaidæ* du Turonien de Touraine.

Pruvost. 10640. Rudistes turo-niens du nord de la France.

e ASIA.*ec* Japanese Islands.

Yabe. 10774. Ein neuer Ammonitenfund aus der Trigoniasandsteingruppe von Provinz Tosa.

ef British India.

Spitz. 10702. Mollusca from Lower Cretaceous, Himalayas.

ei Asiatic Turkey.

Douvillé. 10417. Quelques Rudistes du Liban et l'évolution des Biradiolinités.

f AFRICA.*fb* Egypt.

Eck. 10426. Die Cephalopoden der Schweinfurthschen Sammlung aus der Oberen Kreide Agyptens.

fg South Africa.

Newton. 10589. Cretaceous fossils from the Bethelsdorp Salt Pans, South Africa, belonging to the Albany Museum.

g NORTH AMERICA.*gh* South-Eastern United States.

Stephenson. 10707. Species of *Exogyra* from the eastern Gulf region and the Carolinas.

gi Western United States.

Whitney. 10745. Fauna of the Buda limestone.

k ARCTIC.*kd* Islands north of Europe and Asia.

Sokolov. 10700. Les fossiles des blocs erratiques de Novaïa Zemlia. (Russe.)

75.2631 CRUSTACEA.

g NORTH AMERICA.*gi* Western United States.

Whitney. 10745. Fauna of the Buda limestone. [With bibliography.]

75.5231 VERTEBRATA.

f AFRICA.*fb* North East Africa.

Stromer. 10716. Ergebnisse der Forschungsreisen Prof. E. Stromers in den Wüsten Agyptens. II. Wirbeltier-Reste der Baharije-Stufe (unterstes Cenoman).

g NORTH AMERICA.*gi* Western United States.

Sternberg. 10708. Notes on the fossil vertebrates collected on the Cope expedition to the Judith River and Cow Island beds, Montana, in 1876.

75.5431

PISCES.

d

EUROPE.

dbc

Central Russia.

Peetz. 10616. *Hoplopteryx Zippei* Agass. aus der Schreibkreide des Gouvernements Woronesch. (Russ. mit deutsch. Rés.)

df

France.

Priem. 10637. Sur les poissons fossiles des phosphates remaniés du Rethélois.

g

NORTH AMERICA.

gf United States as a whole.

Cockerell. 10394. Some fossil fish scales.

i

AUSTRALASIA.

ie New South Wales.

Chapman. 10370. New species of *Ceratodus*—*Ceratodus* (*Metaceratodus*) *wollastoni*, subgen. and sp. n.

75.5631

REPTILIA ET
BATRACHIA.

Ballerstedt. 10291. Bemerkungen zu den älteren Berichten über Saurierfahrten im Wealdensandstein und Behandlung einer neuen, aus 5 Fussabdrücken bestehenden Spur.

Henning. 10476. Über neue Saurierfunde aus Canada und deren geologische Position.

Mook. 10585. The dorsal vertebrae of *Camarasaurus* Cope.

Nopcsa. 10595. Die Lebensbedingungen der obercretacischen Dinosaurier Siebenbürgens.

d

EUROPE.

ddb

Southern Russia.

Dombrovskij. 10415. Knochenfund des *Elasmosaurus* beim Chutor Lyssow im Dongebiet. (Russ. mit deutsch. Rés.)

dd

Holland.

Hoffmans. 10478. *Chelonia Hoffmanni* Gray. (Holländisch.)

dk

Austria-Hungary.

Nopcsa. 10596. Vorkommen der Dinosaurier in Siebenbürgen.

g

NORTH AMERICA.

gc

Canadian Dominion West.

Brown. 10342. The skeleton of *Saurolophus*, a crested duck-billed dinosaur from the Edmonton Cretaceous. 10343: A new trachodont dinosaur, *Hypacrosaurus*, from the Edmonton Cretaceous of Alberta. 10344: A new plesiosaur, *Leurospondylus*, from the Edmonton Cretaceous of Alberta. 10345: *Anchiceratops*, a new genus of horned dinosaurs from the Edmonton Cretaceous of Alberta. With discussion of the origin of the ceratopsian crest and the brain casts of *Anchiceratops* and *Trachodon*. 10346: A complete skull of *Monoclonius*, from the Belly river Cretaceous of Alberta. 10347: *Corythosaurus casuarinus*, a new crested dinosaur from the Belly river Cretaceous, with provisional classification of the family *Trachodontidae*.

gi

Western United States.

Gilmore. 10448: A second occurrence of Ichthyosaurian remains in the Benton Cretaceous. 10449: A new ceratopsian dinosaur from the Upper Cretaceous of Montana, with note on *Hypacrosaurus*.

30

CAENOZOIC.

80.0231

PALAEOZOOLOGIA.

f

AFRICA.

fg

South Africa.

Böhm u. Weissermel. 10317. Über tertiäre Versteinerungen von den Bogenfelder Diamantfeldern.

g

NORTH AMERICA.

Merriam. 10575. Correlation between the Tertiary of the Great Basin and that of the marginal marine province in California.

i

AUSTRALIA.

ie

Australia as a whole.

Chapman. 10367. Fossil types of the Australian Caenozoic system.

80.0431

PROTOZOA.

e

ASIA.

ej

Malay Archipelago.

Rutten. 10665. Foraminiferen aus Ost-Asien.

80.2231 *MOLLUSCA.*

Smith, 10693. Morphologic sequences in the canaliculate Fulgurs. [Phylogeny of structures from Oligocene to Recent.]

d **EUROPE.**

dc **German Empire.**

Bucher, 10349. Beitrag zur geologischen Kenntnis des jüngeren Tertiärs der Rheinpfalz.

g **NORTH AMERICA.**

gi **Western United States.**

Cockerell, 10391. Tertiary Mollusca from New Mexico and Wyoming.

English, 10430. The *Agasoma*-like gastropods of the California Tertiary.

80.5831 *AVES.*

g **NORTH AMERICA.**

gi **Western United States**

Shufeldt, 10684. Fossil birds with descriptions of new and extinct species.

80.6031 *MAMMALIA.*

Matthew, 10562. Time ratios in the evolution of mammalian phyla. A contribution to the problem of the age of the earth.

Osborn, 10610. New methods of restoring *Eotitanops* and *Brontotherium*.

g **NORTH AMERICA.**

gi **Western United States.**

Buwalda, 10353. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada.

Holland and Peterson, 10481. The osteology of the Chalicotheroidea. With special reference to a mounted skeleton of *Moropus elatus* Marsh, now installed in the Carnegie museum.

Osborn, 10609. Recent results in the phylogeny of the Titanotheres.

85 **LOWER CAENOZOIC (EOCENE, OLIGOCENE).**

85.0231 *PALAEOZOOLOGIA GENERALIS.*

g **NORTH AMERICA.**

gi **Western United States.**

Dickerson, 10498. Fauna of the Martinez Eocene of California.

Peale, 10614. On the stratigraphic position and age of the Judith river formation. [Formerly supposed to be Cretaceous.]

h **CENTRAL AND SOUTH AMERICA.**

hb **Central America.**

Brown and Pilsbry, 10340. Fauna of the Gatun formation, Isthmus of Panama. 2.

85.0431 *PROTOZOA.*

Cotter, 10398. Value of Nummulites as zone fossils with a description of some Burmese species.

d **EUROPE.**

dh **Austria-Hungary.**

Jaeger, 10496. Ein Gerölle von eocänem Nummulitenkalk im Micän bei Leutschach.

e **ASIA.**

ef **British India.**

Cotter, 10398. Notes on the value of Nummulites as zone fossils with a description of some Burmese species.

85.0831 *COELENTERATA, INCLUDING GRAPTOLITHOIDEA.*

d **EUROPE.**

dh **Italy.**

Kranz, 10526. Das Tertiär zwischen Castelgomberto, Montecchio Maggiore, Creazzo und Monteviale im Vicentin.

Oppenheim, 10605. Alttertiäre Korallen vom Nordrand der Madonie in Sizilien.

dk **Austria-Hungary.**

Oppenheim, 10604. Fauna und Alter des Konglomerates von Zdaunek bei Kremsier.

f **AFRICA.**

fb **North East Africa.**

Andrée, 10286. Cölestin im Mokattamkalk von Ägypten nebst allgemeinen Bemerkungen über sedimentäre Cölestinvorkommen und einem Anhang über eine *Stylocœnia*.

85.2031 BRACHIOPODA AND
BRYOZOA.*d* EUROPE.*df* France.

Canu. 10356. Les Bryozoaires fossiles des terrains du sud-ouest de la France.

85.2231 MOLLUSCA.

d EUROPE.*da* Scandinavia.

Harder. 10469. The Oligocene strata in the railway section at Aarhus Station.

df France.

Gude. 10462a. Further note on preoccupied Molluscan Generic names, and a proposed new Genus of the Family Helicidae.

Teppner. 10719. *Plagiostoma Frauscheri* nov. spec. et *Vulsella Woodi* nov. spec.

dk Austria-Hungary.

Oppenheim. 10604. Fauna und Alter des Konglomerates von Zdaunek bei Kremsier.

e ASIA.*eg* Malay Peninsula.

Martin. 10561. Gastropoden des Obereocäns von Nanggulan auf Java.

f AFRICA.*fa* Mediterranean States.

Jodot. 10502. Un Gastéropode du type américain trouvé dans un calcaire lacustre du plateau steppien d'Algérie.

Savornin. 10668. Étude sur les Thersités.

g NORTH AMERICA.*gi* Western United States.

Anderson and Martin. 10285. Neocene record in the Temblor basin, California, and Neocene deposits of the San Juan district, San Luis Obispo county.

Dickerson. 10408. Fauna of the Martinez Eocene of California. 10409: New molluscan species from the Martinez Eocene of southern California. 10410: The fauna of the

Siphonalia sutterensis zone in the Roseburg Quadrangle, Oregon.

Waring. 10739. Eocene horizons of California.

h CENTRAL AND SOUTH AMERICA.*hb* CENTRAL AMERICA.

Brown and Pilsbry. 10340. Fauna of the Gatun formation, Isthmus of Panama.

hc West Indian Islands.

Brown and Pilsbry. 10341. Fresh-water mollusks of the Oligocene of Antigua.

85.2431 ARTHROPODA, INCLUDING INSECTA.

Lühe. 10552. Ameisen des Bernsteins.

85.2631 CRUSTACEA.

h CENTRAL AND SOUTH AMERICA.*hb* CENTRAL AMERICA.

Brown and Pilsbry. 10340. Fauna of the Gatun formation, Isthmus of Panama. 2.

85.5231 VERTEBRATA.

g NORTH AMERICA.*gi* Western United States.

Peale. 10614. On the stratigraphic position and age of the Judith river formation. [Formerly supposed to be Cretaceous.]

85.5431 PISCES.

d EUROPE.*df* France.

Priem. 10636. Des otolithes de l'Éocène du Cotentin et de Bretagne.

g NORTH AMERICA.*gf* United States as a whole.

Cockerell. 10394. Some fossil fish scales.

85.6031 MAMMALIA.

Peterson. 10622. Some undescribed remains of the Uinta titanotheres *Dolichorhinus*. 10624: Correction of a generic name.

d EUROPE.*de* German Empire.

Oort, van. 10603. *Halitherium Schinzi* Kaup.

df France.

Daresté de la Chavanne. 10402. Sur l'Oligocène de la vallée de Biesbre (Allier).

g NORTH AMERICA.*gi* Western United States.

Granger. 10457. On the names of Lower Eocene faunal horizons of Wyoming and New Mexico.

Osborn. 10606. *Eomoropus*, an American Eocene chalicotheres. 10607: Lower Eocene titanotheres. Genera *Lambdotherium*, *Eotitanops*. 10608: The skull of *Bathyopsis*, Wind River Uintathere.

Peterson. 10619: A new titanotheres from the Uinta Eocene. 10620: A small titanotheres from the lower Uinta beds.

Sinclair. 10686. The revision of the bunodont Artiodactyla of the Middle and Lower Eocene of North America.

90 UPPER CAENOZOIC MIOCENE, PLIO- CENE.

90.0231 PALAEOZOOLOGIA GENERALIS.

Thienemann. 10721: Die Ausbildung neuer Tierarten durch die Eiszeit.

d EUROPE.*dbd* Caucasus.

Bogačev. 10319. La faune des dépôts salifères de la Transcaucasie. (Russe av. rés. fr.)

g NORTH AMERICA.*gi* Western United States.

Cockerell. 10389. The fauna of the Florissant (Colorado) shales.

English. 10429. The Fernando group near Newhall, California.

h SOUTH AMERICA.*hi* Uruguay.

Walther. 10738. Alter und geologischer charakter der sogen. Pampasformation in Uruguay.

90.0631 PORIFERA.

c ASIA.*eg* Malay Peninsula.

Smith. 10697. Contributions to the stratigraphy and fossil invertebrate fauna of the Philippine Islands.

90.0831 COELENTERATA.

e ASIA.*eg* Malay Peninsula.

Smith. 10697. Contributions to the stratigraphy and fossil invertebrate fauna of the Philippine Islands.

90.1031 ECHINODERMATA.

Lambert. 10536. La *Scutella gibbercula* Marcel de Serres, 1829.

d EUROPE.*dm* Mediterranean and Islands.

Cottreau. 10399. Les Echinides néogènes du bassin méditerranéen.

g NORTH AMERICA.*gh* South Eastern United States.

Pilsbry. 10629. Description of a new echinoderm.

gi Western United States.

Anderson and Martin. 10285. Neocene record in the Temblor basin, California, and Neocene deposits of the San Juan district, San Luis Obispo county.

Kew. 10517. Tertiary echinoids of the Carrizo Creek region in the Colorado desert.

90.2031 BRACHIPODA.

Canu. 10354. L'étude des Bryozoaires fossiles.

Gignoux. 10447. Les formations marines pliocènes et quaternaires de l'Italie du sud de la Sicile.

90.2231 MOLLUSCA.

d EUROPE.*dbb* Southern Russia.

Bogačev. 10320. Musée du Don à Novočerkassk. (Russe.)

de **German Empire.**

Fischer und Wenz. 10432. Die Landschneckenkalke des Mainzer Beckens und ihre Fauna.

Menzel. 10568. Über einige Pliocän-Fossilien vom Niederrhein.

df **France.**

Cosmann et Peyrot. 10396. Conchologie néogénique de l'Aquitaine.

Dollfus et Dautzenberg. 10414. Conchyliologie du Miocène moyen du bassin de la Loire. Ire Partie. Pélécypodes.

dh **Italy. Sicily.**

Gignoux. 10447. Les formations marines pliocènes et quaternaires de l'Italie du sud et de la Sicile.

dl **Turkey in Europe.**

Gude. 10462B. Note on *Viquesnelia* of Deshayes from the Miocene (Sarmatian) of Turkey.

e **ASIA.***ec* **Japanese Islands.**

Yokoyama. 10776. Two new fossil Cephalopoda from the tertiary of Izumo.

ef **British India.**

Newton and Smith. 10590. Calcutta excavations and Bay of Bengal.

eg **Malay Peninsula.**

Martin. 10560. Miocene Gastropoden von Ost-Borneo.

Smith. 10697. Contributions to the stratigraphy and fossil invertebrate fauna of the Philippine Islands.

g **NORTH AMERICA.***gh* **South Eastern United States.**

Olsson. 10602. Miocene correlation.

gi **Western United States.**

Anderson and Martin. 10285. Neocene record in the Temblor basin, California, and Neocene deposits of the San Juan district, San Luis Obispo county.

Buwalda. 10353. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada.

English. 10429: The Fernando group near Newhall, California. 10430: The *Agasoma*-like gastropods of the California Tertiary.

Martin. 10559. Descriptions of new species of fossil Mollusca from the latter marine Neocene of California.

i **AUSTRALIA.***if* **Victoria.**

Chapman and Gabriel. 10374. New and rare fossils obtained by deep boring in the Mallee.

ik **New Zealand.**

Gudex. 10463. List of fossil mollusca from Bluecliffs, South Canterbury.

Marshall and Uttley. 10558. Localities for fossils near Oamaru.

Speight. 10701. Additions to the list of fossils from the Lower Waipara.

90.2431 ARTHROPODA. INCLUDING INSECTA.*g* **NORTH AMERICA.***gi* **Western United States.**

Cockerell. 10390: New and little-known insects from the Miocene of Florissant, Colorado. 10392: The fossil and recent *Bombyliidae* compared.

Wickham. 10746: New Miocene Coleoptera from Florissant. 10747: Twenty new Coleoptera from the Florissant shales.

90.2631 CRUSTACEA.*d* **EUROPE.***df* **France.**

Joleaud. 10504. Un nouveau *Scalpellum* fossile du néogène de la vallée du Rhône, *Scalpellum* (*Subscalpellum*) *avinionense*.

i **AUSTRALIA.***if* **Victoria.**

Chapman. 10371. Ostracoda from deep borings in the Mallee.

90.5231 VERTEBRATA.

Stromer. 10714. Wirbeltierreste aus dem Mittelpliocän des Natrontales (Ägypten).

90.5431 *PISCES.**g* NORTH AMERICA.*gf* United States as a whole.

Cockerell. 10394. Some fossil fish scales.

i AUSTRALIA.*if* Victoria.

Chapman. 10371. Fishes from deep borings in the Mallee.

90.5631 *REPTILIA AND BATRACHIA.*

Teppner. 10718. *Trionyx pliocenicus* Lawley = *Trionyx Hilberi* R. Hoernes.

d EUROPE.*dk* Austria-Hungary.

Teppner. 10720. Zur phylogenetischen Entwicklung der „protrungiden Trionyciden“ des Tertiärs und *Trionyx Petersi* R. Hoernes var. *trifailensis* nov. var. aus dem Miocän von Trifail in Steiermark.

g NORTH AMERICA.*gi* Western United States.

Moodie. 10583. The fossil frogs of North America.

90.6031 *MAMMALIA.*

Peterson. 10623. The osteology of *Promerycochoerus*.

Pilgrim. 10625. The correlation of the Siwaliks with mammal horizons of Europe.

d EUROPE.*dbb* Southern Russia.

Chomenko. 10378. La faune méotique du village Taraklia du district de Bendery. I. Les ancêtres des Cervinae contemporains et fossiles. II. Giraffinae et Cavicornia. (Russe av. rés. fr.) 10379: *Aceratherium* des environs d'Odessa. (Russe.)

de British Islands.

Rehlen. 10653. Fund von Piltown (*Eoanthropus Dawsoni*).

df France.

Depéret. 10406. Sur la reconstitution d'un squelette de *Felsinotherium serresi*, Sîrénien pliocène des sables de Montpellier.

Vasseur. 10733. Nouvelles découvertes paléontologiques dans l'Aquitainien supérieur des environs de Laugnac (Lot-et-Garonne).

dh Italy; Sicily.

Gignoux. 10447. Les formations marines pliocènes et quaternaires de l'Italie du sud et de la Sicile.

dk Austria-Hungary.

Schlesinger. 10670. Ein neuerlicher Fund von *Elephas planifrons* in Niederösterreich.

e ASIA.*ec* Japanese Islands.

Tokunaga and Iwasaki. 10722. Notes on *Desmostylus japonicus*.

ef British India.

Pilgrim. 10625. The correlation of the Siwaliks with mammal horizons of Europe. 10627: *Indarctos salmonitanus* from the Middle Siwaliks. 10608: Lower Siwalik Creodont teeth of *Dissoptalis*.

f AFRICA.*ff* East Africa.

Branca. 10323. Bisherige Ergebnisse der Untersuchung der von Dr. Reck in der Serengeti-Steppe, Deutsch-Ostafrika, ausgegrabenen Reste von Säugetieren

g NORTH AMERICA.*gi* Western United States.

Buwalda. 10352. A proboscidean tooth from the Truckee beds of western Nevada. 10353: Tertiary mammal beds of Stewart and Lone valleys in west-central Nevada.

Lull. 10553. Fossil dolphin from California.

Merriam. 10573. The occurrence of Tertiary mammalian remains in north-eastern Nevada.

95 * PLEISTOCENE AND RECENT.

95.0231 *PALAEOZOOLOGIA GENERALIS.**d* EUROPE.*de* German Empire.

Tornau. 10723. Über einige neue Funde von Diluvialfossilien aus Bohrungen in Ostpreussen.

df France.

Beauchamp. 10297. Une tourbière sousmarine comme milieu biologique.

Cépède. 10366. Les gisements de tourbe sous-marine, milieux biologiques.

dh Austria-Hungary.

Menzel. 10567. Fossilführung und Gliederung der Lössformation im Donautal bei Krems.

Wieggers. 10748. Fossilführung und Gliederung der Lössformation im Donautal bei Krems.

g NORTH AMERICA.**gd Canadian Dominion East.**

Ami. 10283. Preliminary lists of organic remains from the Chazy, Black River, Trenton, and Pleistocene formations comprised within the area of the Pembroke sheet (No. 122).

gi Western United States.

English. 10429. The Fernando group near Newhall, California.

h CENTRAL AND SOUTH AMERICA.**hi Uruguay.**

Walther. 10738. Alter und geologischer Charakter der sogen. Pampasformation in Uruguay.

95.0431 PROTOZOA.**d EUROPE.****dc German Empire.**

Geinitz. 10445. Foraminiferen in Diluvialschichten.

95.0831 COELENTERATA, INCLUDING GRAPTOLITHOIDEA.**e ASIA.****eg Malay Peninsula.**

Smith. 10697. Contributions to the stratigraphy and fossil invertebrate fauna of the Philippine Islands.

f AFRICA.**fi Red Sea and Islands.**

Jakovlev. 10498. Quelques résultats des études les plus récentes des récifs coralliens de l'océan Indien et de la mer Rouge. (Russe av. rés. fr.)

m Indian Ocean.

Jakovlev. 10498. Quelques résultats des études les plus récentes des récifs coralliens de l'océan Indien et de la mer Rouge. (Russe av. rés. fr.)

95.1031 ECHINODERMATA.

Fourtau. 10437. La faune échinodermatique des plages soulevées de la mer Rouge.

95.2031 BRACHIOPODA AND BRYOZOA.

Gignoux. 10447. Les formations marines pliocènes et quaternaires de l'Italie du sud et de la Sicile.

95.2231 MOLLUSCA.

Gignoux. 10447. Les formations marines pliocènes et quaternaires de l'Italie du sud et de la Sicile.

Menzel. 10569. Das Problem der Anodonta.

Nordmann. 10598. *Tapes senescens* Doederlein and *Tapes aureus* Gm. var. *eemiensis* Nordm.

Smith. 10693. Morphologic sequences in the canaliculate *Fulgur*. [Phylogeny of structures from Oligocene to Recent.]

d EUROPE.

Haas u. Wenz. 10466. *Unio pachyodon* Ludwig = *Margaritana auricularia* (Spengler).

dc German Empire.

Geyer. 10446. Über diluviale Schotter Schwabens und ihre Molluskenreste.

Krause. 10527. *Paludina* (*Vivipara*) *diluviana* Kunth aus dem älteren Interglazial des Niederrheins.

Wenz. 10741. Ein Schwemmlössvorkommen innerhalb der Mosbacher Sande. 10742: Schwemmlöss von Leimen bei Heidelberg.

e ASIA.**eg Malay Peninsula.**

Smith. 10697. Contributions to the stratigraphy and fossil invertebrate fauna of the Philippine Islands.

g NORTH AMERICA.

gg North Eastern United States
Clapp. 10381. A new fossil *Vitri-
nella*, from Boston, Massachusetts.

Gratacap. 10459. Tertiary fossils
on Long Island.

gi Western United States.

Oldroyd. 10601. A remarkably rich
pocket of fossil drift from the Pleisto-
cene.

Rivers. 10661. A new form of
Bathytoma from the Upper Pleistocene
of San Pedro, Cal.

Sampson. 10667. Postpliocene
shells of Providence and Lupus, Mis-
souri.

h CENTRAL AND SOUTH AMERICA.

hc West Indian Islands.

Vanatta. 10731. [Pleistocene shells
from Sierra Nueva, Santo Domingo.]

i AUSTRALIA.

ii Tasmania.

Chapman. 10369. Mollusca from
the Pleistocene marl of Mowbray
Swamp, North-west Tasmania.

n PACIFIC.

nd Sandwich Islands.

Pilsbry. 10630. Manual of con-
chology, structural and systematic,
with illustrations of the species.
(Second series: Pulmonata.) [Vol.
22] Pt. 88 [*Achatinellidae* by Henry
A. Pilsbry, assisted by C. Montague
Cooke, concluded; Genealogy and
migrations of the *Achatinellidae* in
the Hawaiian islands by Alpheus
Hyatt; Preface and Introduction].

95.2631 CRUSTACEA.

i AUSTRALASIA.

ii Tasmania.

Chapman. 10369. Mollusca from
the Pleistocene marl of Mowbray
Swamp, North-west Tasmania.

95.5231 VERTEBRATA.

g NORTH AMERICA.

gi Western United States.

Stoner. 10712. Recent observa-
tions on the mode of accumulation of
the Pleistocene bone deposits of Rancho
la Brea.

95.5831 AVES.

g NORTH AMERICA.

gi Western United States.

Miller. 10581. Bird remains from
the Pleistocene of San Pedro, Cali-
fornia.

Shufeldt. 10684. Fossil birds with
descriptions of new and extinct species.

95.6031 MAMMALIA.

Abel. 10278. Neue Rekonstruktion
des Mammut nach Zeichnungen des
Eiszeitmenschen.

Bayer. 10296. Der Mensch in der
Eiszeit.

Gautrelet et Neuville. 10444. Le
sang de Mammouth.

Heller. 10475. Zur mikroskopischen
Anatomie der ältesten Säugetier- und
Menschenhaut.

Matthew. 10562. Time ratios in
the evolution of mammalian phyla.
A contribution to the problem of the
age of the earth.

Menzel. 10570. Die paläonto-
logischen Grundlagen für die Chrono-
logie des Diluvialmenschen.

Neuville et Gautrelet. 10588. Ob-
servations faites sur le sang du Mam-
mouth offert au Muséum (Paris) par le
comte Stenbock-Fermor.

Osborn. 10611. Restoration of the
world series of elephants and mas-
todons.

Peterson. 10621. A mounted
skeleton of *Platigonus leptorhinus* in
the Carnegie museum.

Stefanescu. 10703. L'origine des
lames cunéiformes des molaires d'élé-
phant.

d EUROPE.

dba Northern Russia.

Freudenberg. 10442. Die Säugetiere
des älteren Quartärs von Mitteleuropa,
mit besonderer Berücksichtigung der
Fauna von Hundsheim und Deutsch-
altenburg in Niederösterreich, nebst
Bemerkungen über verwandte Formen
anderer Fundorte.

Korvenkontio. 10524. Ein Mam-
mutzahn-Fund in Helsingfors.

de German Empire.

Bonnet. 10322. Diluviale Menschenfunde in Obercassel bei Bonn. III Die Skelete.

Freudenberg. 10442. Die Säugetiere des älteren Quartärs von Mitteleuropa, mit besonderer Berücksichtigung der Fauna von Hundsheim und Deutschaltenburg in Niederösterreich, nebst Bemerkungen über verwandte Formen anderer Fundorte.

Kukuk. 10535. Der Fund eines Moschusochsenschädels im Diluvium des Emschertales.

Schwalbe. 10674. Über einen bei Ehringsdorf in der Nähe von Weimar gefundenen Unterkiefer des *Homo primigenius*.

Stoller. 10711. Spuren des diluvialen Menschen in der Lüneburger Heide.

Verworn. 10734. Diluviale Menschenfunde in Obercassel bei Bonn. I. Fundbericht.

Wahnschaffe. 10735. Kritische Bemerkungen zum Interglazial II und Spätglazial Norddeutschlands. Mit besonderer Berücksichtigung der diluvialen Säugetierfauna.

Wiegner. 10749. Prähistorische Untersuchung einiger deutscher Diluvialfundstätten.

dd Holland.

Rutten. 10664. *Elephas antiquus* Falc from the River Waal near Nymegen.

de British Islands.

Rehlen. 10653. Fund von Pilt-down (*Eoanthropus Dawsoni*).

df France.

Aubert. 10289. La marmotte bobac de Beynes (Seine-et-Oise).

Commont. 10395. Remarques sur les éléphants quaternaires de Saint-Acheul et des Moutières.

Forsyth. 10435. La faune des Mammifères quaternaires de la Corse et de la Sardaigne.

Fortin. 10436. Ossements de *Cervus elaphus* Lin. du limon des versants découverts à Montfort-sur-Risle (Eure).

(K-5109)

Gosselet. 10455. Sur une dent d'*Elephas primigenius* trouvée à Malhove et sur des silex contenus dans l'argile des Flandres à Watten.

Harlé. 10470. Un *Machairodus* soi-disant de Villeneuve-sur-Lot. 10471: *Lagomys* de la grotte de la Madeleine et Phoque de l'abri Castanet (Dordogne).

— et **Stehlin.** 10472: Un Capridé quaternaire de la Dordogne voisin du Thar actuel de l'Himalaya.

Lory. 10550. L'existence de la Marmotte au Vercors à l'époque quaternaire.

Piraud. 10631. La présence des Marmottes dans le Vercors.

Schwalbe. 10675. Kritische Besprechung von Boulés Werk: „L'homme fossile de la Chapelle-aux-Saints“ mit eigenen Untersuchungen.

dh Italy.

Forsyth. 10435. La faune des Mammifères quaternaires de la Corse et de la Sardaigne.

Gignoux. 10447. Les formations marines pliocènes et quaternaires de l'Italie du sud et de la Sicile.

dk Austria-Hungary.

Freudenberg. 10442. Die Säugetiere des älteren Quartärs von Mitteleuropa, mit besonderer Berücksichtigung der Fauna von Hundsheim und Deutschaltenburg in Niederösterreich, nebst Bemerkungen über verwandte Formen anderer Fundorte.

Schlesinger. 10670. Ein neuerlicher Fund von *Elephas planifrons* in Niederösterreich.

f AFRICA.**fa Mediterranean States.**

Joleaud. 10505. La position systématique du *Cervus pachyngena*. 10506: Le *Cervus (Megaceroides) algericus* Lydekker, 1890. 10507: Sur l'âge des éléphants quaternaires d'Algérie.

ff East Africa.

Birkner. 10315. Der angeblich diluviale Menschenfund in der Oldoway-Schlucht in Deutsch-Ostafrika.

Reck. 10648. Fund eines fossilen Menschenskelets aus Zentralafrika. 10649: Fossile Tier- und Menschenfunde aus Oldoway in Zentralafrika.

fh **Madagascar.**

Carle-Weissen. 10357. Les ossements d'un *Archrolemur* et les caractères du volcan Iatsifotra dans lequel il a été trouvé.

g **NORTH AMERICA.**

gg **North Eastern United States.**

Schuchert. 10672. *Mammul americanum* in Connecticut. [With a note on the Farmington specimen by Richard S. Lull.]

Smith. 10691. A review of the mammalian remains from the superficial deposits in the vicinity of Onondaga lake, New York. 10692: A new locality for *Castoroides*.

gi **Western United States.**

Buwalda. 10353. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada.

Merriam. 10574. Discovery of human remains in an asphalt deposit at Rancho La Brea. [Cal.]

Stock. 10709. Skull and dentition of the mylodont sloths of Rancho La Brea. 10710: The systematic position of the mylodont sloths from Rancho La Brea.

h **SOUTH AMERICA.**

hf **Peru.**

Eaton. 10424: Remains of man and of lower animals from the vicinity of Cuzco, Peru. 10425: Vertebrate fossils from Ayasbambæ, Peru.

hi **Argentina.**

Trouessart. 10725. Le cheval existait-il en Amérique à l'époque de la découverte du Nouveau Continent?

PALAEOZOOLOGIA.

B. ZOOLOGICAL CLASSIFICATION.

0231 PALAEOZOOLOGIA.

0231.39 GENERAL.

Abel. 10281. Paläontologie und Paläozoologie. 10282: Die Tiere der Vorwelt.

Chapman. 10373. Australasian fossils.

Loewe. 10548. Vorkommen von Zahnerkrankungen und speziell von Karies bei fossilen Tieren.

0231.45 PALAEOZOIC.

Anci. 10284. Les faunes paléozoïques et celles qui s'y rattachent.

Foerste. 10434. The Rogers Gap fauna of central Kentucky.

Schuchert. 10673. Arctic Paleozoic fossils.

Smith. 10690. Fossils of the Paleozoic formations within the Syracuse quadrangle.

0231.50 LOWER PALAEOZOIC.

Ami. 10283. Preliminary lists of organic remains from the Chazy, Black River, Trenton, and Pleistocene formations comprised within the area of the Pembroke sheet (No. 122).

Burling. 10351. Early Cambrian stratigraphy in North American Cordillera, with discussion of Albertella and related faunas.

Raymond. 10646. The succession of faunas at Lévis, P. 2.

0231.55 UPPER PALAEOZOIC.

Carpentier. 10358. Empreintes végétales et remarques sur la faune du calcaire de Bachant

(κ-5109)

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland islands.

Delépine. 10404. Faune du calcaire carbonifère du bassin de Laval.

Doring. 10411. Die Caiqua-Schicht im Pafirather Stringocephalenkalk.

Grabau. 10456. Fauna of the Dundee limestone of southern Michigan.

Heritsch. 10477. Richtigstellungen zu L. Kober's Angaben über das Paläozoicum von Graz.

Kegel. 10516. Der Taunusquarzit von Katzenelnbogen.

Meyer. 10579: Carbonfaunen aus Bolivia und Peru. 10580: Der Lahnporphyr bei Diez und eine begleitende Fauna.

Pruvost. 10638. L'âge des schistes pourprés de Papiol, près Barcelone.

Sherzer. 10682. Geological report on Wayne county [Michigan].

Smyth. 10698. On the faunal zones of the Rush-Skerries carboniferous section co. Dublin.

0231.65 TRIASSIC.

Smith. 10694. On the distribution of Lower Triassic faunas.

Wurm. 10771. Die iberisch-balearenische Triasprovinz.

0231.70 JURASSIC.

Jaworski. 10500. Jura in Südamerika. Tl. 1. Allgemeiner Teil.

Schirardin. 10669. Der obere Lias von Barr-Heiligenstein.

0231.75 CRETACEOUS.

Whitney. 10745. Fauna of the Buda limestone.

0231.80 CAENOZOIC (TERTIARY) (GENERAL).

Böhm u. Weissermel. 10317. Über tertiäre Versteinerungen von den Bogenfelder Diamantfeldern.

Chapman. 10367. Fossil types of the Australian Cainozoic system.

Merriam. 10575. Correlation between the Tertiary of the Great Basin and that of the marginal marine province in California.

0231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Dickerson. 10498. Fauna of the Martinez Eocene of California.

Peale. 10614. On the stratigraphic position and age of the Judith river formation. [Formerly supposed to be Cretaceous.]

0231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Bogačev. 10319. La faune des dépôts salifères de la Transcaucasie. (Russe av. rés. fr.)

Cockerell. 10389. The fauna of the Florissant (Colorado) shales.

English. 10429. The Fernando group near Newhall, California.

Thienemann. 10721. Die Ausbildung neuer Tierarten durch die Eiszeit.

Walther. 10738. Alter und geologischer Charakter der sogen. Pampasformation in Uruguay.

0231.95 PLEISTOCENE AND RECENT.

Ami. 10283. Preliminary lists of organic remains from the Chazy, Black River, Trenton, and Pleistocene formations comprised within the area of the Pembroke Sheet (No. 122).

Beauchamp. 10297. Une tourbière sous-marine comme milieu biologique.

Cépède. 10366. Les gisements de tourbe sous-marine, milieux biologiques

English. 10429. The Fernando Group near Newhall, California.

Menzel. 10567. Fossilführung und Gliederung der Lössformation im Donautal bei Krems.

Tornau. 10723. Über einige neue Funde von Diluvialfossilien aus Bohungen in Ostpreussen.

Walther. 10738. Alter und geologischer Charakter der sogen. Pampasformation in Uruguay.

Wieggers. 10748. Fossilführung und Gliederung der Lössformation im Donautal bei Krems.

0431 PROTOZOA.**0431.39 GENERAL.**

Deecke. 10403. Paläontologische Betrachtungen VI. Über Foraminiferen.

0431.50 LOWER PALAEOZOIC.

Cryptozoon nn. spp. Australia. Cambrian. **Howchin.** 10483.

0431.55 UPPER PALAEOZOIC.

Fusulina. U.S. spp., nomenclature. **Girty.** 10452.

Schellwienia nn. spp. Bolivia. **Meyer.** 10579.

0431.75 CRETACEOUS.

Franke. 10439. Die Fauna des Emschers bei Dortmund.

Geinitz. 10445. Foraminiferen in Diluvialschichten.

0431.80 CAENOZOIC (TERTIARY)

Rutten. 10665. Foraminiferen aus Ost-Asien.

0431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).**GENERAL.**

Jaeger. 10496. Ein Gerölle von eocänem Mammulitenkalk im Miocän bei Leutschach.

SPECIAL.

Nammulites Yawensis n. sp. Burma. Eocene. **Cotter.** 10398.

0431.95 PLEISTOCENE AND RECENT.

Geinitz. 10445. Foraminiferen in Diluvialschichten.

0631 PORIFERA.

0631.55 UPPER PALAEOZOIC.

Heinrich. 10474. Bau und System der Stromatoporoidea.

0631.70 JURASSIC.

Cephalites maximus Eichw. Russia. **Karakasch.** 10515.

0631.75 CRETACEOUS.

Franke. 10439. Die Fauna des Emschers bei Dortmund.

0631.90 UPPER CAENOZOIC, MIOCENE, PLIOCENE.

Chenendopora (?) *major* n. sp. Philippines, Miocene. **Smith.** 10697.

0831 COELENTERATA.

0831.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

Yabe. 10775. *Myriopora Verbeeki* Volz und *Stromatopora japonica* Yabe.

0831.39 GENERAL.

Jourdy. 10512: L'architecture des animaux-plantes. 10513: Coralliaires et bactéries corallicoles.

0831.45 PALAEOZOIC (GENERAL).

Foerste. 10434. The Rogers Gap fauna of central Kentucky.

Steinmann. 10705. *Gymnosolen Ramsayi* aus Kanin.

SPECIAL.

Columnaria alveolata interventa n. var. Kentucky, Palaeozoic. **Foerste.** 10434.

Siphonophrentis n. gen. **O'Connell.** 10600.

Zaphrentis; revision. **O'Connell.** 10690.

0831.50 LOWER PALAEOZOIC.

GENERAL.

Dollé. 10413. Les graptolites de la haute plaine du Tidikelt.

Manck. 10556. *Retiolites macilentus* Törnq.

SPECIAL.

Glyptograptus sacculifer n. sp. Tidikelt. **Dollé.** 10413.

Rastrites reyi n. sp. Tidikelt. **Dollé.** 10413.

0831.55 UPPER PALAEOZOIC.

GENERAL.

Charlesworth. 10376. Korallen und Stromatoporoiden. 10377: Riffkorallen aus dem Unterdevon der Karnischen Alpen.

Haack. 10465. Über eine Marine Permfauna aus Nordmexiko nebst Bemerkungen über Devon daselbst.

Salée. 10666. Polypiers carbonifériens du Muséum d'Histoire naturelle de Paris.

SPECIAL.

Alveolites n. sp. et mut. Alpen, Devon. **Charlesworth.** 10376, 77.

Amplexus Frechi n. sp. Alpen, Devon. **Charlesworth.** 10376, 77.

Clathrodictyon carnicum n. sp. **Charlesworth.** 10376.

Columnaria symbiotica n. sp. **Charlesworth.** 10376.

Cyathaxonia Girtyi n. sp. Nordmexiko, Perm. **Haack.** 10465.

Cyathophylloides symbioticum n. sp. Alpen, Devon. **Charlesworth.** 10377.

Cyathophyllum nn. spp. Alpen, Devon. **Charlesworth.** 10376, 77.

Cystiphyllum intermedium densum n. var. Alpen, Devon. **Charlesworth.** 10376, 77.

Endophyllum carnicum n. sp. Alpen, Devon. **Charlesworth.** 10376, 77.

Favosites n. sp. et mut. Alpen, Devon. **Charlesworth.** 10376, 77.

Heliolites confinensis n. sp. Alpen, Devon. **Charlesworth.** 10376, 77.

Barbour. 10292. *Medusina walcotti* n. sp. Nebraska, Carboniferous.

Petraia celloniensis n. sp. Alpen, Devon. **Charlesworth.** 10377.

— *confinensis* n. sp. **Charlesworth.** 10376.

Solenopora. Ebersdorf, Oberdevon. **Gürich.** 10464.

Striatopora volaica n. sp. Alpen, Devon. **Charlesworth.** 10376, 77.

Stromatopora celloniensis n. sp. **Charlesworth.** 10376.

Stromatoporella volaica n. sp. **Charlesworth.** 10376.

Syringopora alpina sp. n. Devon.
Charlesworth, 10376, 77.

Thecia Swinderenana Goldf. n. mut.
devonica. Alpen. Charlesworth, 10376.

Zaphrentis alpina n. sp. Alpen,
Devon. Charlesworth, 10376, 77.

0831.65 TRIASSIC.

Yabe, 10775. *Myriopora Verbeeki*
Volz und *Stromatopora japonica* Yabe.

0831.75 CRETACEOUS.

GENERAL.

Karakasch, 10514. Les Isidines
fossiles. (Russe av. rés. fr.)

Richters, 10660. Berichtigung [zu
d. Artikel des Verf. über *Kristinella*,
1913].

SPECIAL.

Moltkia Isis. Denmark, Cretaceous,
Nielsen, 10594.

0831.85 LOWER CAENOZOIC

GENERAL.

Kranz, 10526. Das Tertiär zwischen
Castelgomberto, Montecchio, Maggiore,
Creazzo und Monteviale im Vicentin.

Oppenheim, 10604: Fauna und
Alter des Konglomerates von Zdaunek
bei Kremsier. 10605: Alttertiäre
Korallen vom Nordrand der Madonie
in Sizilien.

SPECIAL.

Astracopora perexigua n. sp. Zdaunek,
Konglomerat. Oppenheim, 10604.

Barysmilia Montecchiana n. sp.
Vicentin, Tertiär. Kranz, 10526.

Calamophyllia Trinitensis a. sp.
Vicentin, Tertiär. Kranz, 10526.

Stylocoenia. André. 10286.

Thamnastraea irradians Reuss. n.
var. *cingulata*. Vicentin, Tertiär.
Kranz, 10526.

0831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Montlivaultia nn. spp. Philippines,
Miocene or Pliocene. Smith, 10697.

Odontocyathus coloradus n. sp. Philip-
pines, Miocene or Pliocene. Smith,
10697.

Pattalophyllia (?) *bonita* n. sp.
Philippines, Miocene. Smith, 10697.

Ptychocyathus (?) *incognitus* n. sp.
Philippines, Miocene or Pliocene
Smith, 10697.

0831.95 PLEISTOCENE AND RECENT.

GENERAL.

Jakovlev, 10498. Récifs coralliens
de l'Océan Indien et de la mer Rouge.
(Russe av. rés. fr.)

SPECIAL.

Carophyllia (?) *laogana* n. sp.
Philippines, Pleistocene or Recent.
Smith, 10697.

1031 ECHINODERMATA.

1031.39 GENERAL.

Vadász, 10729. Regenerationser-
scheinungen an fossilen Echinoiden.

1031.45 PALAEOZOIC.

Lichenocrinus subaequalis n. sp.
Kentucky, Palaeozoic. Foerste, 10434.

Ohiorcrinus exilis sp. n. Kentucky,
Palaeozoic. Foerste, 10434.

1031.50 LOWER PALAEOZOIC.

GENERAL.

Williams, 10756. A starfish found in
the Whitewater division of the Rich-
mond on Blue creek, Adams county,
Ohio.

SPECIAL.

Camarocrinus asiaticus. Northern
Shan States, Burma. Reed, 10651.

Caryocystis bicompressa sp. n. Or-
dovician of W. Yunnan. Reed, 10650.

Echinosphaera sinensis sp. n. Or-
dovician of W. Yunnan. Reed, 10650.

Encrinurus cf. *punctatus* (Brün)
Kashmir. Reed, 10650A.

Heliocrinus subovalis sp. n. Or-
dovician of W. Yunnan. Reed, 10650.

Homocrinidae fam. n. Kirk, 10520.

Homocrinus parvus. Kirk, 10520.

Lasiocrinus gen. n. Kirk, 10520.

Ovocystis Mansuyi n. gen. et sp. Ordo-
vician of W. Yunnan. Reed, 10650.

Promo-palucaster dyceri (?) Ohio,
Ordovician. Williams, 10756.

Sinocystis piroides n. gen. et sp. Ordo-
vician of W. Yunnan. Reed, 10650.

Sphaeronis shihtienensis n. sp.
Ordovician of W. Yunnan. **Reed.**
10650.

1031.55 UPPER PALAEOZOIC.

GENERAL.

Charlesworth. 10375. Das Devon der Ostalpen. Die Fauna des devonischen Riffkalkes. III Crinoiden.

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland Islands.

SPECIAL.

Cactocrinus spp. n. Iowa, Carboniferous. **Wood.** 10770.

Cyathocrinus carnicus n. sp. Ostalpen, Devon. **Charlesworth.** 10375.

Hexacrinus Frechi n. sp. Ostalpen, Devon. **Charlesworth.** 10375.

Megistocrinus devonicus n. sp. Ostalpen, Devon. **Charlesworth.** 10375.

Melocrinus prostellaris. Frech mscr. Ostalpen, Devon. **Charlesworth.** 10375.

Nymphaeoblastus Miljukovi n. gen. et sp. Central Asiatic Russia, Carboniferous. **Peetz.** 10615.

Rhipidocrinus nn. spp. Ostalpen, Devon. **Charlesworth.** 10375.

1031.65 TRIASSIC.

Pentacrinus cf. *asteriscus* Nevada, California, Triassic. **Smith.** 10695.

1031.70 JURASSIC.

Lissajous. 10546. Echinides jurassiques des environs de Mâcon.

Riabinin. 10656. Echinodermes jurassiques de Popelany en Lithuanie. (Russe av. rés. fr.).

1031.75 CRETACEOUS.

GENERAL.

Démoly. 10405. Observations sur les échinides de la Savoie.

Franke. 10439. Die Fauna des Emschers bei Dortmund.

Valette. 10730. Description de quelques Echinides nouveaux de la craie.

SPECIAL.

Antedon nn. spp. Denmark. Cretaceous. **Nielsen.** 10592.

Atelecrinus faxensis n. sp. Denmark, Cretaceous. **Nielsen.** 10592.

Bourgueticrinus nn. spp. Denmark, Cretaceous. **Nielsen.** 10592.

Infulaster tuberculatus n. sp. Craie. **Valette.** 10730.

Pentacrinus nn. spp. Denmark, Cretaceous. **Nielsen.** 10592.

Rhizocrinus dubius n. sp. Denmark, Cretaceous. **Nielsen.** 10592.

1031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

GENERAL.

Cottreau. 10399. Les Échinides néogènes du bassin méditerranéen.

Kew 10517. Tertiary echinoids of the Carrizo Creek region in the Colorado desert.

Lambert. 10536. La *Scutella gibbercula* Marcel de Serres, 1829.

Pilsbry. 10629. Description of a new echinoderm.

SPECIAL.

Amphiopa boulei n. sp. Méditerranéen. **Cottreau.** 10399.

Astrodapsis peltoides sp. n. California, Neocene. **Anderson and Martin.** 10285.

Clypeaster spp. n. California, Miocene. **Kew.** 10517.

Echinolampas tagliaferroi n. sp. Méditerranéen. **Cottreau.** 10399.

Echinoneus cyclostomus Leske var *Haugi.* Méditerranéen. **Cottreau.** 10399.

Encope tenuis sp. n. California, Miocene. **Kew.** 10517.

Eupatagus mooreanus sp. n. Florida, Pliocene. **Pilsbry.** 10629.

Hipponoe californica sp. n. California, Miocene. **Kew.** 10517.

Schizaster gennevaxi n. sp. Méditerranéen. **Cottreau.** 10399.

1031.95 PLEISTOCENE AND RECENT.

Fourtau. 10437. La faune échinistique des plages soulevées de la mer Rouge.

2031 BRACHIOPODA AND BRYOZOA.

2031.39 GENERAL.

GENERAL.

Canu. 10355. Études morphologiques sur trois nouvelles familles de Bryozoaires.

Greger. 10460. On the retention of the original color ornamentation in fossil brachiopods.

SPECIAL.

Acroporidae n. fam. **Canu.** 10355.

Beisselina n. gen. **Canu.** 10355.

Berenicea amphora n. sp. **Canu.** 10355.

Coscinopleuridae n. fam. **Canu.** 10355.

Proboscina lesurensis n. sp. **Canu.** 10355.

Smittia saccoi n. sp. **Canu.** 10355.

Vinelloidea crussolensis n. sp. **Canu.** 10355.

2031.45 PALAEOZOIC (GENERAL).

GENERAL.

Assmann. 10288. Die Fauna der Erbsloch-Grauwacke bei Densberg im Kellerwald.

SPECIAL.

Athyris nn. spp. Grauwacke. **Assmann.** 10288.

Orthis Fuchsii sp. n. Grauwacke. **Assmann.** 10288.

Spirifer nn. spp. Grauwacke. **Assmann.** 10288.

Strophomena subcircularis sp. n. Grauwacke. **Assmann.** 10288.

2031.50 LOWER PALAEOZOIC.

GENERAL.

Burling. 10350. Cambrian and related Ordovician Brachiopoda; a study of their inclosing sediments.

SPECIAL.

Atrypa marginalis. Dalm. var. Kashmir. Silurian. **Reed.** 10650A.

Camarotoecchia nucula (Sowerby)? Kashmir, Silurian. **Reed.** 10650A.

Merista? sp. Kashmir, Silurian. **Reed.** 10650A.

Orthis spp. Kashmir, Silurian. **Reed.** 10650A.

Plectambonites aff. *papillosa*. Kashmir, Silurian. **Reed.** 10650A.

Rhynchospira aff. *Bouchardi* (Davids)? Kashmir, Silurian. **Reed.** 10650A.

Strophomena antiquata, Sowerby. Kashmir, Silurian. **Reed.** 10650A.

Triplecia insularis, Eichw. Kashmir, Silurian. **Reed.** 10650A.

2031.55 UPPER PALAEOZOIC.

GENERAL.

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland Islands.

Grabau. 10456. Fauna of the Dundee limestone of southern Michigan.

Lebedev. 10538. Materialien zur Geologie des Donetzbeckens. Spiriferidae aus den Karbonablagerungen des Donetzbeckens und einiger anderer Gebiete Russlands.

Pirsson and Schuchert. 10632. Occurrence of the Oriskany Formation on Parlin Stream, Maine.

Quiring. 10642. Zusammenstellung der Strophomeniden des Mitteldevons der Eifel nebst Beiträgen zur Kenntnis der Wanderbewegung der Brachiopoden im Eifeldevon.

Sobolev. 10699. Das obere Neodevon von Lagov. (Russ.)

SPECIAL.

Camarophoria thevenini n. sp. Bolivie, Carbonifère supérieur. **Kozlowski.** 10525.

Chilotrypa peruana sp. n. Peru, Carbon. **Meyer.** 10579.

Derbyia parasitica. Bolivie, Carbonifère. **Kozlowski.** 10525.

Leiorhynchus kielcensis n. sp. Russia, Devonian. **Sobolev.** 10699

Productus n. var. et spp. Bolivie, Carbonifère. **Kozlowski.** 10525.

Rhenocnisselueria n. subg. Taunus-quarzit. **Kegel.** 10516.

Rhipidomella variabilis sp. n. Michigan Limestone. **Grabau.** 10456.

Spirifer Bischofi n. var. *rhenana*. Devon. **Kegel.** 10516.

Spirifer pirssonae sp. n. Maine, Devonian. **Pirsson** and **Schuchert**. 10632.

Stropheodonta spp. n. Michigan, Limestone. **Grabau**. 10456.

———— *biplana* n. sp. Eifel, Mitteldevon. **Quiring**. 10642.

———— *Sedgwicki* n. var. *rudis*. Devon. **Kegel**. 10516.

2031.65 TRIASSIC.

Seidlitz. 10676; *Misolia* n. gen. Buru u. Misol. Kalk.

2031.70 JURASSIC.

GENERAL.

Boehm. 10316. *Rhynchonella* aff. *moluccana*. G. Boehm von Neu-Guinea.

Canu. 10354. Bryozoaires jurassiques.

SPECIAL.

Rhynchonella spp. **Steiger**. 10704.

2031.75 CRETACEOUS.

Argiope nn. spp. Denmark, Chalk. **Nielsen**. 10593.

Crania nn. spp. Denmark, Chalk. **Nielsen**. 10593.

Terebratula nn. spp. Denmark, Chalk. **Nielsen**. 10593.

Thecidium Grönwallii n. sp. Denmark, Chalk. **Nielsen**. 10593.

2031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

Ditaxipora luteiciana n. sp. France. **Canu**. 10356.

Micronella longicella n. sp. France. **Canu**. 10356.

Micropora magnipora n. sp. France. **Canu**. 10356.

Monopora asymmetrica n. sp. France. **Canu**. 10356.

Petralia nn. spp. France. **Canu**. 10356.

Quadricellaria ventricosa n. sp. France. **Canu**. 10356.

Schizoporella subsinuosa n. sp. France. **Canu**. 10356.

2031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Canu. 10354. L'étude des Bryozoaires fossiles.

Gignoux. 10447. Les formations marines pliocènes et quaternaires de l'Italie du sud et de la Sicile.

2031.95 PLEISTOCENE AND RECENT.

Gignoux. 10447. Les formations marines pliocènes et quaternaires de l'Italie du sud et de la Sicile.

2231 MOLLUSCA.

2231.39 GENERAL.

Douville. 10416. Classification des Lamellibranches.

Ličkov. 10542. Sur les Trigonies.

Reis. 10654. Zur Morphologie der Austerschale.

Smith. 10696. Acceleration of development in fossil cephalopoda.

2231.45 PALAEOZOIC (GENERAL)

GENERAL.

Schuchert. 10673. Arctic Palaeozoic fossils.

SPECIAL.

Bellerophon rogersensis sp. n. Kentucky, Palaeozoic. **Foerste**. 10434.

Conularia trentonensis-rogersensis var. n. Kentucky, Palaeozoic. **Foerste**. 10434.

Cycloconcha oblonga sp. n. Kentucky, Palaeozoic. **Foerste**. 10434.

Hebertella latasulcata sp. n. Kentucky, Palaeozoic. **Foerste**. 10434.

Holopea incerta sp. n. Kentucky Palaeozoic. **Foerste**. 10434.

Hormotoma terebriiformis sp. n. Kentucky, Palaeozoic. **Foerste**. 10434.

Modiolopsis rogersensis sp. n. Kentucky, Palaeozoic. **Foerste**. 10434.

Orthoceras rogersensis sp. n. Kentucky, Palaeozoic. **Foerste**. 10434.

Protozyga obsoleta sp. n. Kentucky, Palaeozoic. **Foerste**. 10434.

2231.50 LOWER PALAEOZOIC.
(GENERAL.)

Conchidium cf. *Knighti* (Sow.) ?
Kashmir, Silurian. **Reed.** 10650A.

Cystoceras sp. Kashmir, Silurian.
Reed. 10650A.

Dimorphoceras looneyi n. var.
saharica. Oued Zousfana, Dinantien
supérieur. **Dollé.** 10412.

Glyphioceras subglobosum n. sp.
Oued Zousfana, Dinantien supérieur.
Dollé. 10412.

Orthoceras cf. *tenniannulatum*, Mc.
Coy. Kashmir, Silurian. **Reed.** 10650A.

Pronorites royi n. sp. Oued Zous-
fana, Dinantien supérieur. **Dollé**
10412.

Trochoceras yunnanense sp. n. Ordo-
vician of W. Yunnan. **Reed.** 10650.

2231.55 UPPER PALAEOZOIC.

GENERAL.

Clarke. 10387. Illustrations of the
Devonic fossils of southern Brazil and
the Falkland Islands.

Frech. 104407. Über einige mittel-
devonische *Bellerophon*-Arten.

——— 10441. Ein neues Vorkom-
men des Stringocephalenkalkes in
Hunan (Südchina).

Leidhold. 10540. Über einen *Man-
ticoceras* „*intumescens* Beyr.” sp. mit
erhaltener Mündung.

Pirsson and Schuchert. 10632.
Occurrence of the Oriskany Formation
on Parlin Stream, Maine.

Pohlig. 10633. Neue rheinische
Haliseritenfunde

Pravost. 10641. Les niveaux à
Lamellibranches d'eau douce dans le
terrain houiller du nord de la France,
leur faune et leur distribution strati-
graphique.

Roundy. 10663. Original color
markings of two species of carboni-
ferous gastropods.

Sobolev. 10699. Das obere Neodevon
von Lagov. (Russ.)

Van Tuyl and Berckhemer. 10732.
A problematic fossil from the Catskill
formation.

Williams. 10755. Recurrent *Tro-
pidoleptus* zones of the Upper Devonian
in New York.

SPECIAL.

Aricula convexa sp. n. Devon.
Kegel. 10516.

Ariculopecten nn. spp. Devon.
Kegel. 10516.

Bellerophon nn. spp. Devon. **Kegel.**
10516.

Beneckeia subdenticulata Pohlig.
Jena, Röttelomitt. **Pohlig.** 10634.

Cheiloceras nn. spp. Russia,
Devonian. **Sobolev.** 10699.

Clymenia nn. spp. Russia,
Devonian. **Sobolev.** 10699.

Ctenodonta nn. spp. Devon. **Kegel.**
10516.

Cypricardella procurta sp. n. Devon.
Kegel. 10516.

Cyrtoceras ellipticum n. sp. Russia,
Devonian. **Sobolev.** 10699.

Glyptobasis marshalli sp. n. Indiana,
Carboniferous. **Roundy.** 10663.

Goniophora cornucopiae sp. n.
Devon. **Kegel.** 10516.

Grammysia orbicularis sp. n. Devon.
Kegel. 10516.

Holopea proutana. Indiana, Carboni-
ferous. **Roundy.** 10663.

Modiomorpha n. sp. cf. mut. Devon.
Kegel. 10516.

Myophoria inflata mut. n. *primaeva*.
Devon. **Kegel.** 10516.

Naticopsis. Indiana, Carboniferous.
Girty. 10451.

Orthonota costata sp. n. Devon.
Kegel. 10516.

Plethomytilus trunicus sp. n. Devon.
Kegel. 10516.

Pleurotomaria Creelii sp. n. Devon.
Kegel. 10516.

Pleurotomaria delphinuloides var. n.
bathyschistus. China. **Frech.** 10441.

Potrioceras nn. spp. Russia,
Devonian. **Sobolev.** 10699.

Prothyris carinata sp. n. Devon.
Kegel. 10516.

Rectoglossa gen. n. et sp. *proble-
matica*. Pennsylvania, Devonian.
Van Tuyl and Berckhemer. 10732.

Spiriferina Haarmanni n. sp.
Nordmexiko, Perm. **Haack.** 10465.

Tornoceras dorsoplanum n. sp.
Russia, Devonian. **Sobolev.** 10699.

2231.60 MESOZOIC (GENERAL)

Douvillé. 10419. Influence du mode de vie sur la ligne suturale des Ammonites appartenant à la famille des Cosmoceratidae.

2231.65 TRIASSIC.

GENERAL.

Toula. 10724. Geologisch-paläontologische Beobachtungen aus der Gegend von Drvar, Péci und Duler in Westbosnien.

Troxell. 10726. Unios in the Triassic of Massachusetts.

SPECIAL.

Acrochordiceras spp. n. Nevada, California. **Smith.** 10695.

Arcestes hartzelli n. sp. Nevada. **Smith.** 10695.

Atractites spp. n. Nevada. **Smith.** 10695.

Balatonites spp. n. Nevada. **Smith.** 10695.

——— nn. spp. Muschelkalk, Niederschlesien. **Rassmuss.** 10643.

Beyrichites spp. n. Nevada. **Smith.** 10695.

Celtites spp. n. Nevada. **Smith.** 10695.

Ceratites spp. nn. Nevada, Triassic. **Smith.** 10695.

——— *Kittli* sp. n. Westbosnien. **Toula.** 10724.

Columbites spp. n. Nevada, Triassic. **Smith.** 10695.

Congerina Drvarensis sp. n. Westbosnien. **Toula.** 10724.

Dalmatites spp. n. Nevada, Triassic. **Smith.** 10695.

Daonella spp. n. Nevada, Triassic. **Smith.** 10695.

——— n. sp. et var. **Toula.** 10724.

Dinarites spp. n. Nevada, Triassic. **Smith.** 10695.

Eutomoceras spp. n. Nevada, Triassic. **Smith.** 10695.

Germanonutilus furlongi sp. n. Nevada, Triassic. **Smith.** 10695.

Gymnites spp. n. Nevada, Triassic. **Smith.** 10695.

——— *peciensis* sp. n. Westbosnien. **Toula.** 10724.

Hungarites fittingensis sp. n. Nevada, Triassic. **Smith.** 10695.

Lecanites spp. n. Nevada, Triassic. **Smith.** 10695.

Megaphyllites septentrionalis sp. n. Nevada, Triassic. **Smith.** 10695.

Nannites contractus sp. n. Nevada, Triassic. **Smith.** 10695.

Nevadites gen. n. Nevada, Triassic. **Smith.** 10695.

Paranannites oviformis sp. n. California, Triassic. **Smith.** 10695.

Ptychites evansi sp. n. Nevada, Triassic. **Smith.** 10695.

——— n. sp. et var. Westbosnien. **Toula.** 10724.

Trachyceras n. spp. Nevada, Triassic. **Smith.** 10695.

Tropigastrites n. gen. et. sp. Nevada, Triassic. **Smith.** 10695.

Unio emersoni sp. n. Massachusetts, Triassic. **Troxell.** 10726.

Xenodiscus multicameratus sp. n. California, Triassic. **Smith.** 10695.

2231.70 JURASSIC.

GENERAL.

Douvillé. 10420. Ammonites remarquables ou peu connues.

Maire. 10554. Etudes géologiques et paléontologiques sur l'arrondissement de Gray. Les Gastropodes du Jurassique supérieur graylois.

Roman. 10662. La faune des Céphalopodes de l'Aalénien supérieur de la vallée du Rhône (zone à *Ludwigia concava*).

Schirardin. 10669. Der obere Lias von Barr-Heiligenstein.

Schmidt. 10671. Die Arieten des unteren Lias von Harzburg.

Sokolov. 10700. Les fossiles des blocs erratiques de Novaia Zemlia. (Russc.)

Yokoyama. 10777. On a jurassic ammonite from Rikuzen.

SPECIAL.

Anlascosphinctes nn. spp. Himalayas. Spiti Shales. **Steiger.** 10704.

Belemnites infans sp. n. Elsass, Lias. **Schirardin.** 10669.

Brodiceras nn. spp. Elsass, Lias. **Schirardin.** 10669.

Cotteswoldia nn. spp. Elsass, Lias. **Schirardin.** 10669.

Cylicoceras splendens sp. n. Elsass, Lias. **Schirardin.** 10669.

Grammoceras nn. spp. Elsass, Lias. **Schirardin.** 10669.

Hammatoceras vetustum sp. n. Elsass, Lias. **Schirardin.** 10669.

Harpoceras subtile sp. n. Elsass, Lias. **Schirardin.** 10609.

Haugia humilis sp. n. Elsass, Lias. **Schirardin.** 10669.

Lioceras Seidlitzii n. sp. Elsass, Lias. **Schirardin.** 10669.

Ludwigia nn. spp. Elsass, Lias. **Schirardin.** 10669.

Nautilus nn. spp. Jura. **Loesch.** 10547.

Nerinea rochensis n. sp. Gray, Jurassique supérieur. **Maire.** 10554.

Oppelia alberti n. sp. **Douvillé.** 10420.

Pachyceras nn. spp. **Douvillé.** 10418.

Perisphinctes nn. spp. **Steiger.** 10704.

Phlyseogrammoceras dominans sp. n. Elsass, Lias. **Schirardin.** 10669.

Pleurotomaria Buchiana. Russland. **Riabinin.** 10657.

Poecilomorphus infernensis n. sp. Vallée du Rhône, Aalénien supérieur. **Roman.** 10662.

Pseudogrammoceras nn. spp. Elsass, Lias. **Schirardin.** 10669.

Pseudolioceras nn. spp. Elsass, Lias. **Schirardin.** 10669.

Quenstedticeras nn. spp. **Douvillé.** 10418.

———— *cadoceratoides* n. sp. **Douvillé.** 10420.

Sulcoactaeon grayensis n. sp. Gray, Jurassique supérieur. **Maire.** 10554.

2231.75 CRETACEOUS.

GENERAL.

Douvillé. 10417. Quelques Rudistes du Liban et sur l'évolution des Biradionitins.

Eck. 10426. Die Cephalopoden der Schweinfurthschen Sammlung aus der Oberen Kreide Aegyptens.

Franke. 10430. Die Fauna des Emschers bei Dortmund.

Kilian et Reboul. 10519. La présence des Céphalopodes à affinités indo-africaines dans le crétacé moyen de Cassis (Bouches-du-Rhône).

Newton. 10589. Cretaceous fossils from the Bethelsdorp Salt Pans, South Africa, belonging to the Albany Museum.

Pruvost. 10640. Rudistes turoniens du nord de la France.

Stephenson. 10707. Species of *Erogyna* from the eastern Gulf region and the Carolinas.

Whitney. 10745. Fauna of the Buda limestone.

Yabe. 10774. Ein neuer Ammonitenfund aus der Trigoniasandsteingruppe von Provinz Tosa.

SPECIAL.

Anatina negrei n. sp. **Cossmann.** 10397.

Anomia geniculata sp. n. Texas, Cretaceous. **Whitney.** 10745.

Arca. Himalayas, Lower Cretaceous. **Spitz.** 10702.

Astarte hundesiana n. sp. Himalayas, Lower Cretaceous. **Spitz.** 10072.

Avicula. Himalayas, Lower Cretaceous. **Spitz.** 10702.

Barbatia simondsi sp. n. Texas, Cretaceous. **Whitney.** 10745.

Belemnites n. sp. Kavkaz. **Sinzow.** 10687.

Cardium. Himalayas, Lower Cretaceous. **Spitz.** 10752.

Cerithium nn. spp. Texas, Cretaceous. **Whitney.** 10745.

Cinulia nn. spp. Texas, Cretaceous. **Whitney.** 10745.

Corbis montana n.f. Himalayas,
Lower Cretaceous. **Spitz.** 10702.

Cucullaea uhligi n. sp. Himalayas,
Lower Cretaceous. **Spitz.** 10702.

Cylindrites whitei sp. n. Texas,
Cretaceous. **Whitney.** 10745.

Duvalia nn. spp. Caucasus, Lower
Cretaceous. **Švecov.** 10717.

Exogyra upatoiensis n. sp. et varr.
South-eastern U. S., Cretaceous.
Stephenson. 10707.

Fistulana rupertii sp. n. Texas,
Cretaceous. **Whitney.** 10745.

Fusus simondsi n. sp. Texas,
Cretaceous. **Whitney.** 10745.

Goniocylindrites nn. spp. Gray,
Jurassique supérieur. **Maire.** 10554.

Gryphaea. Himalayas, Lower
Cretaceous. **Spitz.** 10702.

Heliculaux cossmanni n. sp. Touraine,
Turonien. **Lecointre.** 10539.

Hobolites nn. spp. Caucasus, Lower
Cretaceous. **Švecov.** 10717.

Homomya bulacensis n. sp. Texas,
Cretaceous. **Whitney.** 10745.

Hoplites. Himalayas, Lower
Cretaceous. **Spitz.** 10702.

Lima. Himalayas, Lower Cre-
taceous. **Spitz.** 10702.

Modiola austinensis n. sp. Texas,
Cretaceous. **Whitney.** 10745.

Nautilus subalbensis n. sp. Kavkaz.
Sinzow. 10687.

Neolobites Fourtaui n. var. *Pervin-*
quieri. Aegypten, Obere Kreide.
Eck. 10426.

Olcostephanus n. gen. et spp. Novaia
Zemlia. **Sokolov.** 10700.

Opis. Himalayas, Lower Creta-
ceous. **Spitz.** 10702.

Ostrea papyracea n. sp. Kavkaz.
Sinzow. 10687.

Pachymya austinensis n. var.
buduensis. Texas, Cretaceous. **Whit-**
ney. 10745.

Panopaea. Himalayas, Lower
Cretaceous. **Spitz.** 10702.

Pecten Himalayas, Lower
Cretaceous. **Spitz.** 10702.

Pseudomonotis superstes (n.f.).
Himalayas, Lower Cretaceous.
Spitz. 10702.

Spondylus nn. spp. Texas, Creta-
ceous. **Whitney.** 10745.

Tapes austinensis nn. sp. Texas,
Cretaceous. **Whitney.** 10745.

———— *rochebruni*, Zittel. Hima-
layas, Lower Cretaceous. **Spitz.** 10702.

Tellina. Himalayas, Lower Creta-
ceous. **Spitz.** 10702.

Turritiles roemeri nn. sp. Texas,
Cretaceous. **Whitney.** 10745.

Tylostoma nn. spp. Texas, Creta-
ceous. **Whitney.** 10745.

Unicardium cf. *tumidum.* Himalayas,
Lower Cretaceous. **Spitz.** 10702.

Volutilithes austinensis nn. sp. Texas,
Cretaceous. **Whitney.** 10745.

2231.80 CAENOZOIC (TERTIARY)

GENERAL.

Bucher. 10349. Beitrag zur geo-
logischen Kenntnis des jüngeren Ter-
tiärs der Rheinpfalz.

English. 10430. The *Agasoma*-like
gastropods of the California Tertiary.

Smith. 10693. Morphologie se-
quences in the canaliculate Fulgurs.
[Phylogeny of structures from Oligo-
cene to Recent.]

SPECIAL.

Gastrodonta coryphodontis nn. sp.
Wyoming, Tertiary. **Cockerell.** 10391.

Helix nn. spp. New Mexico. **Cockerell.**
10391.

Holospira grangeri n. sp. New
Mexico, Tertiary. **Cockerell.** 10391.

Molliolaria moguntina n. sp.
Deutschl., Cerithienschiechten. **Bucher.**
10349.

Polygyra (?) *petrochlora* nn. sp.
New Mexico, Tertiary. **Cockerell.**
10391.

Pyramidularalstonensis nn. sp. Wyo-
ming, Tertiary. **Cockerell.** 10391.

Stenomphalus cancellatus n. var.
ornata. Deutschl., Cerithienkalk.
Bucher. 10349.

Unio wasatchensis n. sp. Wyoming,
Tertiary. **Cockerell.** 10391.

2231.85 LOWER CAENOZOIC
(Eocene, Oligocene).

GENERAL.

Oppenheim. 10604. Fauna und Alter des Konglomerates von Zdaunek bei Kremsier.

Savornin. 10668. Étude sur les Thersités.

SPECIAL.

Acmaea martinezensis n. sp. California, Eocene. **Dickerson.** 10408.

Admete clatskanensis n. sp. Oregon, Oligocene. **Anderson and Martin.** 10285.

Agasoma nn. spp. Oregon, Oligocene. **Anderson and Martin.** 10285.

Amauropsis nr. spp. Oregon, Eocene. **Dickerson.** 10410.

Amauropsis martinezensis nn. sp. California, Eocene. **Dickerson.** 10408.

Ampullina nn. spp. Java, Obereocän. **Martin.** 10561.

Anchura nn. spp. California, Eocene. **Dickerson.** 10408.

Ancilla nn. spp. Java, Obereocän. **Martin.** 10561.

Arca dalli n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.

Athenotoma nn. spp. Java, Obereocän. **Martin.** 10561.

Bittium scotti nn. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.

Borsonia nn. spp. Java, Obereocän. **Martin.** 10561.

Bythinella antiquensis n. sp. Antigua, Oligocene. **Brown and Pilsbry.** 10341.

Cancellaria nn. spp. Java, Obereocän. **Martin.** 10561.

Cardium durum n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.

Cassidaria arntzenii n. sp. Java, Obereocän. **Martin.** 10561.

Cassia jogjacartensis n. sp. Java, Obereocän. **Martin.** 10561.

Ceratodes jolyi n. sp. Algérie, Calcaire lacustre. **Jodot.** 10502.

Cerithiopsis oregonensis n. sp. Oregon, Eocene. **Dickerson.** 10410.

Cerithium nn. spp. Java, Obereocän. **Martin.** 10561.

Cerithium butterworthi n. sp. California, Eocene. **Dickerson.** 10409.

Chenopsis sultani n. sp. Java, Obereocän. **Martin.** 10561.

Cirsotrema nn. spp. Aarhus, Oligocene. **Harder.** 10469.

Clavilithes songoensis n. sp. Java, Obereocän. **Martin.** 10561.

Columbella nn. spp. Java, Obereocän. **Martin.** 10561.

Corbula hexacyma n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.

Crassatellites nn. spp. California, Eocene. **Dickerson.** 10408.

———— *brainardi* n. sp. California, Eocene. **Dickerson.** 10409.

———— *branneri* n. sp. California, Eocene. **Waring.** 10739.

———— *mediamericanus* n. sp. Costa Rica, Oligocene. **Brown and Pilsbry.** 10340.

Cucullaea morani n. sp. California, Eocene. **Waring.** 10739.

Cuspidaria hannibali n. sp. California, Eocene. **Dickerson.** 10408.

Cypraea conigera n. sp. Java, Obereocän. **Martin.** 10561.

Delphinula permodesta n. sp. Java, Obereocän. **Martin.** 10561.

Dientomochilus ickei n. sp. Java, Obereocän. **Martin.** 10561.

Dosinia delicatissima n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.

Dosinia (?) *lawsoni* n. sp. California, Eocene. **Dickerson.** 10408.

Drillia nn. spp. Java, Obereocän. **Martin.** 10561.

Drillia columbiana n. sp. Oregon, Oligocene. **Anderson and Martin.** 10285.

Drillia enneacyma n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.

Eulima jogjacartensis n. sp. Java, Obereocän. **Martin.** 10561.

Eurystrophe n. gen. **Gude.** 10462A.

Eutritonium nn. spp. Java, Obereocän. **Martin.** 10561.

Fasciolaria gorgiasiana n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.

Faunus nn. spp. Java, Obereocän. **Martin.** 10561.

Fissurella (?) *behri* n. sp. California, Eocene. **Dickerson.** 10408.

Fusus dumblei n. sp. California, Eocene. **Dickerson.** 10408.

———— *nanggulinsensis* n. sp. Java, Obereocän. **Martin.** 10561.

———— *scabriculus* n. var. *subcingularis*. Aarhus, Oligocene. **Harder.** 10469.

Genotia nn. spp. Java, Obereocän. **Martin.** 10561.

Hemifusus (?) *waringi* n. sp. California, Eocene. **Dickerson.** 10408.

Hemisinus nn. spp. Antigua, Oligocene. **Brown and Pilsbry.** 10341.

Hercoglossa merriami n. sp. California, Eocene. **Dickerson.** 10408.

Hindsia nn. spp. Java, Obereocän. **Martin.** 10561.

Isocardia tejonensis n. sp. California, Eocene. **Waring.** 10739.

Lathyrus nn. spp. Java, Obereocän. **Martin.** 10561.

Leda nn. spp. California, Eocene. **Dickerson.** 10408.

Lima (?) nn. spp. California, Eocene. **Dickerson.** 10408.

———— *perrini* n. sp. California, Eocene. **Waring.** 10739.

Limopsis aurita Brocchi n. var. *parva*. Aarhus, Oligocene. **Harder.** 10469.

Macrocallista (?) *packi* n. sp. California, Eocene. **Dickerson.** 10408.

Mangilia nn. spp. Java, Obereocän. **Martin.** 10561.

Meretrix nn. spp. California, Eocene. **Dickerson.** 10408.

Mitra ravni n. sp. Aarhus, Oligocene. **Harder.** 10469.

Modiolus bakeri n. sp. California, Eocene. **Dickerson.** 10408.

Molopophorus dalli n. sp. Oregon, Oligocene. **Anderson and Martin.** 10285.

———— (?) *howardi* n. sp. California, Eocene. **Dickerson.** 10409.

Murex nn. spp. Java, Obereocän. **Martin.** 10561.

Nanggulania puruensis n. sp. Java, Obereocän. **Martin.** 10561.

Nassa nn. spp. Java, Obereocän. **Martin.** 10561.

———— *pracambigua* n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.

Natica nn. spp. Java, Obereocän. **Martin.** 10561.

———— nn. spp. Panama, Oligocene. **Brown and Pilsbry.** 10340.

———— *lineata* n. sp. California, Eocene. **Dickerson.** 10408.

———— *hannibali* n. sp. Oregon, Eocene. **Dickerson.** 10410.

———— *pinyonensis* n. sp. California, Eocene. **Dickerson.** 10409.

Nautilus hallidayi n. sp. California, Eocene. **Waring.** 10739.

———— *stephensoni* n. sp. California, Eocene. **Dickerson.** 10408.

Neara mörchi n. sp. Aarhus, Oligocene. **Harder.** 10469.

Nerita (?) *biangulata* n. sp. California, Eocene. **Dickerson.** 10408.

Niso denticulata n. sp. Java, Obereocän. **Martin.** 10561.

Nucula donaciformis n. sp. Aarhus, Oligocene. **Harder.** 10469.

Ocenebra n. sp. Java, Obereocän. **Martin.** 10561.

Olivella claytonensis n. sp. California, Eocene. **Dickerson.** 10408.

Oniscia antiquissima n. sp. Java, Obereocän. **Martin.** 10561.

Ostrea nn. spp. California, Eocene. **Dickerson.** 10408.

Ovula martini n. sp. California, Eocene. **Dickerson.** 10408.

Paphia (?) *clarki* n. sp. California, Eocene. **Dickerson.** 10408.

Pecten nn. spp. Oligocene. **Brown and Pilsbry.** 10340.

———— *erslevi* n. sp. Aarhus, Oligocene. **Harder.** 10469.

Petricola millestriata n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.

Phacoides nn. spp. California, Eocene. **Dickerson.** 10408.

Pinna barrowsi n. sp. California, Eocene. **Dickerson.** 10408.

———— *lewisi* n. sp. California, Eocene. **Waring.** 10739.

- Pituria martini* n. sp. Oregon, Eocene. **Dickerson.** 10419.
- Plagiostoma frauscheri* n. sp. Teppner. 10719.
- Planorbis siliceus* n. sp. Antigua, Oligocene. **Brown and Pilsbry.** 10341.
- Pleurotoma* nn. spp. Java, Obereocän. **Martin.** 10561.
- *vaningeni* n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.
- Potamides jogjacartensis* n. sp. Java, Obereocän. **Martin.** 10561.
- Psammodia* (?) *cylindrica* n. sp. California, Eocene. **Dickerson.** 10408.
- Pseudoliva* n. sp. Oregon, Eocene. **Dickerson.** 10410.
- *reticulata* n. sp. California, Eocene. **Waring.** 10739.
- Pyrula micronematica* n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.
- Rhinoclavis puruensis* n. sp. Java, Obereocän. **Martin.** 10561.
- Ricinula* nn. spp. Java, Obereocän. **Martin.** 10561.
- Ringicula hypograpta* n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.
- Roxania jogjacartensis* n. sp. Java, Obereocän. **Martin.** 10561.
- Saxidomus* (?) *noblei* n. sp. California, Eocene. **Dickerson.** 10409.
- Scaphander icki* n. sp. Java, Obereocän. **Martin.** 10561.
- Seraphs* (?) *thompsoni* n. sp. California, Eocene. **Dickerson.** 10408.
- Sigaretus nanggulanensis* n. sp. Java, Obereocän. **Martin.** 10561.
- *gabbi* n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.
- Siphonalia clarki* n. sp. Oregon, Eocene. **Dickerson.** 10410.
- *icki* n. sp. Java, Obereocän. **Martin.** 10561.
- Solarium* nn. spp. Java, Obereocän. **Martin.** 10561.
- Spicula* (?) *weaveri* n. sp. California, Eocene. **Dickerson.** 10408.
- Spondylus* n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.
- Strepsidura* nn. spp. Java, Obereocän. **Martin.** 10561.
- Surcula* nn. spp. California, Eocene. **Dickerson.** 10408.
- nn. spp. Java, Obereocän. **Martin.** 10561.
- Tellina* nn. spp. Panama, Oligocene. **Brown and Pilsbry.** 10340.
- nn. spp. California, Eocene. **Dickerson.** 10408.
- Terebellum squamosum* n. sp. Java, Obereocän. **Martin.** 10561.
- Terebra* nn. spp. Java, Obereocän. **Martin.** 10561.
- Thais nehalemensis* n. sp. Oregon, Oligocene. **Anderson and Martin.** 10285.
- Thersites ventricosa* nn. spp. **Savornin.** 10668.
- Tinostoma jogjacartense* n. sp. Java, Obereocän. **Martin.** 10561.
- Tivela weaveri* n. sp. Oregon, Eocene. **Dickerson.** 10410.
- Torinia deningeri* n. sp. Java, Obereocän. **Martin.** 10561.
- Tritonidea icki*. Java, Obereocän. **Martin.** 10561.
- Tritonium* nn. spp. California, Eocene. **Dickerson.** 10408.
- Turbonilla* nn. spp. Panama, Oligocene. **Brown and Pilsbry.** 10340.
- Turris londerbacki* n. sp. California, Eocene. **Dickerson.** 10408.
- Turritella clarki* n. sp. California, Eocene. **Dickerson.** 10408.
- *maccreadyi* n. sp. California, Eocene. **Waring.** 10739.
- Vanikoroia javana* n. sp. Java, Obereocän. **Martin.** 10561.
- Velates rotundatus* n. sp. Java, Obereocän. **Martin.** 10561.
- Venericardia planicosta merriami* n. subsp. Oregon, Eocene. **Dickerson.** 10410.
- Volutilithes icki* n. sp. Java, Obereocän. **Martin.** 10561.
- Volvella micratracta* n. sp. Panama, Oligocene. **Brown and Pilsbry.** 10340.
- Vulsella woodi.* **Teppner.** 10719.
- Yobia* nn. spp. California, Eocene. **Dickerson.** 10408.

2231.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

GENERAL.

Buwalda. 10353. Tertiary mammal beds of Stewart and Tone valleys in west-central Nevada.

Cosmann et Peyrot. 10396. Conchologie néogénique de l'Aquitaine.

Gignoux. 10447. Les formations marines pliocènes et quaternaires de l'Italie du sud et de la Sicile.

Gudex. 10463. List of fossil Mollusca from Bluecliffs, South Canterbury.

Marshall and Uttley. 10558. Localities for fossils near Oamaru.

Martin. 10560. Miocene Gastropoden von Ost-Borneo.

Menzel. 10568. Über einige Pliocän-Fossilien vom Niederrhein.

Olsson. 10602. Notes on Miocene correlation.

Speight. 10701. Additions to the list of fossils from the Lower Waipara.

Yokoyama. 10776. Two new fossil Cephalopoda from the tertiary of Izumo.

SPECIAL.

Acanthopupa n. gen. Mainz, Landschneckenkalk. **Fischer u. Wenz.** 10432.

Agasoma barkerianum clarki n. var. California, Miocene. **English.** 10430.

Amphissa posunculensis n. sp. California, Miocene. **Anderson and Martin.** 10285.

Archaeogopsis n. subgen. Mainz, Landschneckenkalk. **Fischer u. Wenz.** 10432.

Argobuccinum nn. spp. California, Pliocene. **Martin.** 10559.

———— *dilleri* n. sp. Oregon, Miocene. **Anderson and Martin.** 10285.

Bathytoma condonana n. sp. Oregon, Miocene. **Anderson and Martin.** 10285.

Boretrophon fleenerensis n. sp. California, Pliocene. **Martin.** 10559.

Buccinum saundersi n. sp. California, Pliocene. **Martin.** 10559.

Bulla cantuaënsis n. sp. California, Miocene. **Anderson and Martin.** 10285.

(K-5109)

Bythinella thomasi n. sp. Mainz, Landschneckenkalk. **Fischer u. Wenz.** 10432.

Calliostoma pacificum n. sp. Oregon, Miocene. **Anderson and Martin.** 10285.

Calyptaea kalimnae n. sp. Victoria, Upper Tertiary. **Chapman and Gabriel.** 10374.

Cancellaria nn. spp. California, Miocene. **Anderson and Martin.** 10285.

———— *elsmerensis* n. sp. California, Pliocene. **English.** 10429.

———— *rotunda* n. sp. Oregon, Miocene. **Anderson and Martin.** 10285.

Cardita lamellosa n. sp. Loire, Miocene moyen. **Dollfus et Dautzenberg.** 10414.

Cardium weaveri n. sp. Oregon, Washington. **Anderson and Martin.** 10285.

Cerithium arnoldi n. sp. California, Miocene. **Anderson and Martin.** 10285.

Chione nn. spp. California, Miocene. **Anderson and Martin.** 10285.

———— nn. spp. California, Pliocene. **English.** 10429.

———— *margaritana* n. sp. California, Neocene. **Anderson and Martin.** 10285.

Chrysodomus nn. spp. California, Pliocene. **Martin.** 10559.

———— *kernensis* n. sp. California, Miocene. **Anderson and Martin.** 10285.

Condylocardia tenuicostae n. sp. Victoria, Upper Tertiary. **Chapman and Gabriel.** 10374.

Conus sulcatus philippinensis n. var. Philippines, Pliocene. **Smith.** 10697.

Diplodontu buwaldana n. sp. California, Miocene. **Anderson and Martin.** 10285.

Donax kenyoniana n. sp. Victoria, Upper Tertiary. **Chapman and Gabriel.** 10374.

———— *triangulata* n. sp. California, Miocene. **Anderson and Martin.** 10285.

Drillia nn. spp. California, Miocene. **Anderson and Martin.** 10285.

———— n. spp. California, Pliocene. **Martin.** 10559.

Epitonium nn. spp. California, Miocene. **Anderson and Martin.** 10285.

Eulima pinguicula n. sp. Victoria, Upper Tertiary. **Chapman and Gabriel.** 10374.

Eulimella nn. spp. California, Miocene. **Anderson and Martin.** 10285.

Ficus rodeoensis n. sp. California, Miocene. **English.** 10430.

Fossurus dalli n. sp. California, Miocene. **Anderson and Martin.** 10285.

Fusinus empireñensis n. sp. Oregon, Miocene. **Anderson and Martin.** 10285.

Gyrineum elmerense n. sp. California, Pliocene. **English.** 10429.

Lacuna carpenteri n. sp. California, Miocene. **Anderson and Martin.** 10285.

Laminifera mattiaca n. nom. Mainz Landschneckenkalk. **Fischer u. Wenz.** 10432.

Leda ochsneri n. sp. California, Miocene. **Anderson and Martin.** 10285.

Liotia dennanti n. sp. Victoria, Upper Tertiary. **Chapman and Gabriel.** 10374.

Maetra sectoris n. sp. California, Miocene. **Anderson and Martin.** 10285.

Mangilia nn. spp. California, Miocene. **Anderson and Martin.** 10285.

Marginella praeformicula n. sp. Victoria, Upper Tertiary. **Chapman and Gabriel.** 10374.

Melongena californica n. sp. California, Miocene. **Anderson and Martin.** 10285.

Modiolus stalderi n. sp. California, Pliocene. **Martin.** 10559.

Nassa nn. spp. California, Miocene. **Anderson and Martin.** 10285.

———— *moraniana* n. sp. California, Pliocene. **Martin.** 10559.

———— *spiraliscabra* n. sp. Victoria, Upper Tertiary. **Chapman and Gabriel.** 10374.

Niso (?) *antiselli* n. sp. California, Miocene. **Anderson and Martin.** 10285.

Nuculana lecointreae n. sp. Loire, Miocene moyen. **Dollfus et Dautzenberg.** 10414.

Omphalosagda Goldfussi n. var. *depressa*. Mainz, Landschneckenkalk. **Fischer u. Wenz.** 10432.

Ostrea gryphoides n. var. *cutlackensis* Calcutta. **Newton and Smith.** 10590.

Palaeoglundina n. subgen. Mainz, Landschneckenkalk. **Fischer u. Wenz.** 10432.

Pecten sancti-ludovici n. sp. California, Neocene. **Anderson and Martin.** 10285.

Pleurotoma dilectoides n. sp. Victoria, Upper Tertiary. **Chapman and Gabriel.** 10374.

Poromya gabbianu n. sp. California, Miocene. **Anderson and Martin.** 10285.

Pseudoleacina n. subgen. Mainz, Landschneckenkalk. **Fischer u. Wenz.** 10432.

Pyramidella cooperi n. sp. California, Miocene. **Anderson and Martin.** 10285.

Pyramidula bohémica n. sp. Mainz, Landschneckenkalk. **Fischer u. Wenz.** 10432.

Rissoa nn. spp. Victoria, Upper Tertiary. **Chapman and Gabriel.** 10374.

Semele morani n. sp. California, Miocene. **Anderson and Martin.** 10285.

Siphonalia posoënsis n. sp. California, Miocene. **Anderson and Martin.** 10285.

Strobilops fischeri n. sp. Mainz, Landschneckenkalk. **Fischer u. Wenz.** 10432.

Strophostomatidae n. fam. Mainz, Landschneckenkalk. **Fischer u. Wenz.** 10432.

Tapes nn. spp. Miocene, South Russia. **Bogačev.** 10320.

Teinostoma nn. spp. Victoria, Upper Tertiary. **Chapman and Gabriel.** 10374.

Tellina nn. spp. California, Miocene. **Anderson and Martin.** 10285.

Terebra martini n. sp. California, Pliocene. **English.** 10429.

———— *profunda* n. sp. Victoria, Upper Tertiary. **Chapman and Gabriel.** 10374.

Testacella sandbergeri n. sp. Mainz, Landschneckenkalk. **Fischer u. Wenz.** 10432.

Thais nn. spp. California, Miocene. **Anderson and Martin.** 10285.

Transenella jouquinensis n. sp. California, Miocene. **Anderson and Martin.** 10285.

Tritonofusus nn. spp. California, Pliocene. **Martin.** 10559.

Trophon oregonensis n. sp. Oregon, Miocene. **Anderson and Martin.** 10285.

Turbonilla weeahensis n. sp. Victoria, Upper Tertiary. **Chapman and Gabriel.** 10374.

Turris nn. spp. Oregon, Miocene. **Anderson and Martin.** 10285.

———— nn. spp. California, Pliocene. **English.** 10429.

———— *andaensis* n. sp. Philippines, Miocene or Pliocene. **Smith.** 10697.

Turritella carriaisensis n. sp. California, Neocene. **Anderson and Martin.** 10285.

Ventriculidae n. fam. Mainz, Landschneckenkalk. **Fischer u. Wenz.** 10432.

Ventriculus n. gen. Mainz, Landschneckenkalk. **Fischer u. Wenz.** 10432.

Vertigo trolli n. sp. Mainz, Landschneckenkalk. **Fischer u. Wenz.** 10432.

Viquesnelia. Turkey, Miocene. **Gude.** 10462b.

Volutopsis eurekaensis n. sp. California, Pliocene. **Martin.** 10559.

Yoldia newcombi n. sp. Washington, Miocene. **Anderson and Martin.** 10285.

———— *temblorensis* n. sp. California, Miocene. **Anderson and Martin.** 10285.

2231.95 PLEISTOCENE AND RECENT.

GENERAL.

Chapman. 10369. Mollusca from the Pleistocene marl of Mowbray Swamp, north-west Tasmania.

Gignoux. 10447. Les formations marines pliocènes et quaternaires de l'Italie du sud et de la Sicile.

Gratacap. 10459. Tertiary fossils on Long Island.

Menzel. 10569. Das Problem der *Anodonta*.

Oldroyd. 10601. A remarkably rich (κ-5109)

pocket of fossil drift from the Pleistocene.

Sampson. 10667. Postpliocene shells of Providence and Lupus, Missouri.

Smith. 10693. Morphologie sequences in the canaliculate *Fulgurs*. [Phylogeny of structures from Oligocene to Recent.]

Vanatta. 10731. [Pleistocene shells from Sierra Nueva, Santo Domingo.]

Wenz. 10741. Ein Schwemmlöss-vorkommen innerhalb der Mosbacher Sande.

———— 10742. Schwemmlöss von Leimen bei Heidelberg.

SPECIAL.

Bathytoma clarkiana n. sp. California, Pleistocene. **Rivers.** 10661.

Dentalium tumidum n. sp. Philippines, Pleistocene or Recent. **Smith.** 10697.

Neritina serratiliniiformis v. [1] n. Schwaben, Diluviale Schotter. **Geyer.** 10446.

Paludina diluviana Kunth. Niederrhein, Interglazial. Krause. 10527.

Partulina dwightii occidentalis n. var. Hawaii, Pleistocene. **Pilsbry.** 10630.

Pomatias salomoni n. sp. Schwaben, Diluviale Schotter. **Geyer.** 10446.

Pomatias scalarinus saueri v. n. Schwaben, Diluviale Schotter. **Geyer.** 10446.

Tapes spp. **Nordmann.** 10598.

Turbinella ilocanu n. sp. Philippines, Recent. **Smith.** 10697.

Turris (?) *agusana* n. sp. Philippines, Pleistocene or Recent. **Smith.** 10697.

Unio pachydon Ludwig. **Haas u. Wenz.** 10466.

Vitrinella shimeri n. sp. Massachusetts. **Clapp.** 10381.

2431 ARTHROPODA.

2431.39 GENERAL.

Handlirsch. 10467. Fortschritte auf dem Gebiete der Entomo-Paläontologie.

2431.55 UPPER PALAEOZOIC.

SPECIAL.

Actinoblatta n. gen. et sp. *bucheti*. Nord de la France, Houiller. **Pruvost** 10639.

Climaconeura n. gen. et sp. Nord de la France, Houiller. Provost. 10639.

Etoblattina henneri n. sp. Commeny (Allier), Houiller. Meunier. 10578.

Palaeoedischia n. gen. et sp. boulei. Commeny (Allier), Houiller. Meunier. 10576.

Roomeria n. gen. et sp. carbonaria. Commeny (Allier), Houiller. Meunier. 10578.

Stenodictya vasseuri n. sp. Commeny (Allier), Houiller. Meunier. 10577.

2431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Lühe. 10552. Ameisen des Bernsteins.

2431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Acanthoderes lengii n. sp. Colorado, Miocene. Wickham. 10747.

Agrilus praepolitus n. sp. Colorado, Miocene. Wickham. 10746.

Alomatia n. gen. et sp. fusca. Colorado, Miocene. Cockerell. 10390.

Amphicerus sublaevis n. sp. Colorado, Miocene. Wickham. 10746.

Anomala nn. spp. Colorado, Miocene. Wickham. 10746.

Aphodius nn. spp. Colorado, Miocene. Wickham. 10746.

—— *inundatus* n. sp. Colorado, Miocene. Wickham. 10747.

Bidessus laminarum n. sp. Colorado, Miocene. Wickham. 10746.

Bruchus nn. spp. Colorado, Miocene. Wickham. 10746.

Buprestis nn. spp. Colorado, Miocene. Wickham. 10746.

Cantharis lithophilus n. sp. Colorado, Miocene. Wickham. 10746.

Chelonarium montanum n. sp. Colorado, Miocene. Wickham. 10746.

Chrysobothris nn. spp. Colorado, Miocene. Wickham. 10746.

Cistela vulcanica n. sp. Colorado, Miocene. Wickham. 10746.

Clytus florissantensis n. sp. Colorado, Miocene. Wickham. 10746.

Coccinella florissantensis n. sp. Colorado, Miocene. Wickham. 10746.

Colaspis nn. spp. Colorado, Miocene. Wickham. 10746.

Collops nn. spp. Colorado, Miocene. Wickham. 10746.

Copidita miocenica n. sp. Colorado, Miocene. Wickham. 10746.

Corphyra calypso n. sp. Colorado, Miocene. Wickham. 10746.

Corticaria nn. spp. Colorado, Miocene. Wickham. 10746.

—— *aeterna* n. sp. Colorado, Miocene. Wickham. 10747.

Cryptocheilus hypogaeus n. sp. Colorado, Miocene. Cockerell. 10390.

Cryptophagus scudderi n. sp. Colorado, Miocene. Wickham. 10746.

Cyphus florissantensis n. sp. Colorado, Miocene. Wickham. 10746.

Diabrotica nn. spp. Colorado, Miocene. Wickham. 10746.

Dicerca eurydice n. sp. Colorado, Miocene. Wickham. 10746.

Elaphidion extinctum n. sp. Colorado, Miocene. Wickham. 10746.

Enoclerus nn. spp. Colorado, Miocene. Wickham. 10746.

Epicauta subneglecta n. sp. Colorado, Miocene. Wickham. 10746.

Ernobius effectus n. sp. Colorado, Miocene. Wickham. 10746.

Eucnemis antiquatus n. sp. Colorado, Miocene. Wickham. 10746.

Gastrallanobium n. gen. et sp. subconfusum. Colorado, Miocene. Wickham. 10747.

Gaurotes striatopunctatus n. sp. Colorado, Miocene. Wickham. 10746.

Geronites n. gen. et sp. stigmatis. Colorado, Miocene. Cockerell. 10392

Haltica renovata n. sp. Colorado, Miocene. Wickham. 10746.

Hoplia striatipennis n. sp. Colorado, Miocene. Wickham. 10746.

Hydroporus sedimentorum n. sp. Colorado, Miocene. Wickham. 10746.

Hylotrupes puncticollis n. sp. Colorado, Miocene. Wickham. 10747.

Hymenorus haydeni n. sp. Colorado, Miocene. Wickham. 10746.

- Isomira aurora* n. sp. Colorado, Miocene. **Wickham.** 10747.
- *florissantensis* n. sp. Colorado, Miocene. **Wickham.** 10746.
- Lema fortior* n. sp. Colorado, Miocene. **Wickham.** 10746.
- *lesquereuxi* n. sp. Colorado, Miocene. **Wickham.** 10747.
- Leptostylus scudleri* n. sp. Colorado, Miocene. **Wickham.** 10746.
- Leptura* nn. spp. Colorado, Miocene. **Wickham.** 10746.
- Ligyrys effetus* n. sp. Colorado, Miocene. **Wickham.** 10746.
- Listrochelus puerilis* n. sp. Colorado, Miocene. **Wickham.** 10746.
- Lithocoryne coloradensis* n. sp. Colorado, Miocene. **Wickham.** 10747.
- Lithomacratia* n. gen. et sp. *mirabilis*. Colorado, Miocene. **Wickham.** 10746.
- Luperodes submonilis* n. sp. Colorado, Miocene. **Wickham.** 10747.
- Melanophila heeri* n. sp. Colorado, Miocene. **Wickham.** 10747.
- Miocaenia* n. gen. et sp. *pectinicornis*. Colorado, Miocene. **Wickham.** 10746.
- Miocyphon* n. gen. et sp. *punctulatus*. Colorado, Miocene. **Wickham.** 10746.
- Miolachnosterna* n. gen. et sp. Colorado, Miocene. **Wickham.** 10746.
- Mordella stygia* n. sp. Colorado, Miocene. **Wickham.** 10746.
- Mordellistena* nn. spp. Colorado, Miocene. **Wickham.** 10747.
- Necrobia divinatoria* n. sp. Colorado, Miocene. **Wickham.** 10746.
- *sibylla* n. sp. Colorado, Miocene. **Wickham.** 10747.
- Odontota americana* n. sp. Colorado, Miocene. **Wickham.** 10746.
- Oligomerus* nn. spp. Colorado, Miocene. **Wickham.** 10746.
- Osmylidia requieta*. Colorado, Miocene. **Cockerell.** 10390.
- Oxyomus nearcticus* n. sp. Colorado, Miocene. **Wickham.** 10746.
- Pactopus americanus* n. sp. Colorado, Miocene. **Wickham.** 10747.
- Palaeochrysa* nn. spp. Colorado, Miocene. **Cockerell.** 10390.
- Palaeosmodicum* n. gen. et sp. *hamiltoni*. Colorado, Miocene. **Wickham.** 10747.
- Palaedemera* n. gen. et sp. *crassipes*. Colorado, Miocene. **Wickham.** 10746.
- Phryganea wickhami* n. sp. Colorado, Miocene. **Cockerell.** 10390.
- Phymatodes miocenicus* n. sp. Colorado, Miocene. **Wickham.** 10746.
- Plectrotetraphanes* n. gen. et sp. *hageni*. Colorado, Miocene. **Wickham.** 10746.
- Podabrus* nn. spp. Colorado, Miocene. **Wickham.** 10746.
- Polemius crassicornis* n. sp. Colorado, Miocene. **Wickham.** 10746.
- Prochaetonema* n. gen. et sp. *florissantella*. Colorado, Miocene. **Wickham.** 10746.
- Protacnaeus* n. gen. et sp. *tennicornis*. Colorado, Miocene. **Wickham.** 10746.
- Proteleates* n. gen. et sp. *centralis*. Colorado, Miocene. **Wickham.** 10747.
- Protipochus* n. gen. et sp. *vandykei*. Colorado, Miocene. **Wickham.** 10746.
- Protolomatia* n. gen. et sp. *antiqua*. Colorado, Miocene. **Cockerell.** 10390.
- Protophthiria* n. gen. et sp. *palpalis*. Colorado, Miocene. **Cockerell.** 10390.
- Protoplatycera* n. gen. et sp. *laticornis*. Colorado, Miocene. **Wickham.** 10746.
- Ptosima silvatica* n. sp. Colorado, Miocene. **Wickham.** 10746.
- Raphidia pulveris* n. sp. Colorado, Miocene. **Cockerell.** 10390.
- Rhagoderidea* n. gen. et sp. *striata*. Colorado, Miocene. **Wickham.** 10746.
- Scaptolenopsis* n. gen. et sp. *wilmattae*. Colorado, Miocene. **Wickham.** 10747.
- Serica cockerelli* n. sp. Colorado, Miocene. **Wickham.** 10747.
- Silpha beutenmuelleri* n. sp. Colorado, Miocene. **Wickham.** 10746.
- Spermophagus pluto* n. sp. Colorado, Miocene. **Wickham.** 10746.
- Stenosphenus pristinus* n. sp. Colorado, Miocene. **Wickham.** 10746.
- Strategus cessatus* n. sp. Colorado, Miocene. **Wickham.** 10746.

Telephorus hesperus n. sp. Colorado. Miocene. **Wickham**. 10746.

Tetraonyx minuscula n. sp. Colorado, Miocene. **Wickham**. 10746.

Tingis florissantensis n. sp. Colorado, Miocene. **Cockerell**. 10390.

Tomoxia inundata n. sp. Colorado, Miocene. **Wickham**. 10746.

Trirhabda nn. spp. Colorado, Miocene. **Wickham**. 10746.

Tritoma diluviana n. sp. Colorado, Miocene. **Wickham**. 10746.

Ulus minutus n. sp. Colorado, Miocene. **Wickham**. 10747.

2631 CRUSTACEA.

2631.50 LOWER PALAEOZOIC.

Bonnema. 10321. *Kloedenella*.

Calymene unicornis n. sp. Ordovician of W. Yunnan. **Reed**. 10650.

Iliaenus caecoides n. sp. Ordovician of W. Yunnan. **Reed**. 10650.

Oxygites yunnanensis n. sp. Ordovician of W. Yunnan. **Reed**. 10650.

2631.55 UPPER PALAEOZOIC.

Beyrichia nassoviensis n. sp. Deutschl., Devon. **Kegel**. 10516.

Eurypterus nebraskensis n. sp. Nebraska, Carboniferous. **Barbour**. 10293.

Kloedenia kayseri n. sp. Deutschl., Devon. **Kegel**. 10516.

2631.65 TRIASSIC.

Euthycarcinus n. gen. et. sp. *kessleri*. Vögesen, Trias. **Handlirsch**. 10468.

2631.70 JURASSIC.

Boehm. 10316. Fauna des Unteren Calloviens und der Coronatenschichten von Neu-Guinea.

2631.75 CRETACEOUS.

GENERAL.

Whitney. 10745. Fauna of the Buda limestone.

SPECIAL.

Graptocarcinus texanus. Texas, Cretaceous. **Whitney**. 10745.

2631.85 LOWER CAENOZOIC (EOCENE OLIGOCENE).

Callianassa scotti n. sp. Panama, Costa Rica, Oligocene. **Brown and Pilsbry**. 10340.

2631.90 UPPER CAENOZOIC (MIOCENE PLIOCENE).

Bairdia australis n. sp. Victoria, Upper Tertiary. **Chapman**. 10371.

Bythocypris tumefacta n. sp. Victoria, Upper Tertiary. **Chapman**. 10371.

Cythere nn. spp. Victoria, Upper Tertiary. **Chapman**. 10371.

Cytherella nn. spp. Victoria, Upper Tertiary. **Chapman**. 10371.

Cytheropteron nn. spp. Victoria, Upper Tertiary. **Chapman**. 10371.

Cytherura nn. spp. Victoria, Upper Tertiary. **Chapman**. 10371.

Krithe eggeri n. sp. Victoria, Upper Tertiary. **Chapman**. 10371.

Scalpellum avinionense n. sp. Vallée du Rhône, Neogène. **Joleaud**. 10504.

———— *subquadratum* n. sp. Victoria, Upper Tertiary. **Chapman**. 10371.

2631.95 PLEISTOCENE AND RECENT.

Chapman. 10369. Mollusca and Ostracoda from the Pleistocene marl of Mowbray Swamp, North-west Tasmania.

2831 XIPHOSURA, EURYPTE- RIDA, TRILOBITA.

2831.45 PALAEOZOIC.

Foerste. 10434. The Rogers Gap fauna of central Kentucky.

2831.50 LOWER PALAEOZOIC. GENERAL.

Shand. 10681. On the occurrence of the Brazilian Trilobite *Pennaia* in the Bokkeveld Beds.

SPECIAL.

Acidaspis kashmirica n. sp. Kashmir, Silurian. **Reed**. 10650a.

Calvinella n. gen. et spp. **Walcott**. 10736.

Calymene. Kashmir, Silurian. **Reed**. 10650A.

Dikelocephalus nn. spp. U.S.A., Cambrian. **Walcott**. 10736.

Illeenus macallumi. Kashmir, Silurian. **Reed**. 10650A.

Osceolia n. gen. **Walcott**. 10736.

Paradoxides harvardi n. sp. Massachusetts, Cambrian. **Raymond**. 10647.

Saukia n. gen. et spp. U.S.A., Cambrian. **Walcott**. 10736.

Tsinania n. gen. Eastern Asia, Cambrian. **Walcott**. 10737.

2831.55 UPPER PALAEOZOIC.

GENERAL.

Clarke. 10387. Illustrations of the Devonian fossils of southern Brazil and the Falkland islands.

Grabau. 10456. Fauna of the Dundee limestone of Southern Michigan.

Richter. 10658. Das Uebergreifen der pelagischen Trilobitengattungen *Tropidocoryphe* und *Thysanopeltis* in das normale Rheinische Mitteldevon der Eifel (und Belgiens). 10659 Hypostom und einige Arten der Gattung *Cyphaspis*.

SPECIAL.

Cyphaeus nn. spp. Deutschl., Devon. **Kegel**. 10516.

Cyphaspis nn. spp. Devon. **Richter**. 10659.

Homalonotus vanuxemi-major perccensis var. nn. Gaspé, Devonian. **Clarke**. 10386.

Proetus conicus n. sp. Michigan, Devonian. **Grabau**. 10456.

5231 VERTEBRATA.

5231.39 GENERAL.

Broom. 10331. On the origin of the cheiropterygium.

Lucas. 10551. Animals of the past : An account of some of the creatures of the ancient world.

5231.55 UPPER PALAEOZOIC.

Twenhofel 10727. A new locality and horizon for Pennsylvanian vertebrates. [Lawrence shales, Kansas.]

5231.75 CRETACEOUS.

Sternberg. 10708. Notes on the fossil vertebrates collected on the Cope expedition to the Judith River and Cow Island beds, Montana, in 1876.

Stromer. 10716. Ergebnisse der Forschungsreisen Prof. E. Stromers in den Wüsten Ägyptens. II Wirbeltier-Reste der Baharije-Stufe (unterstes Cenoman).

5231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Peale. 10614. On the stratigraphic position and age of the Judith river formation. [Formerly supposed to be Cretaceous.]

5231.90 UPPER CAENOZOIC,

Stromer. 10714. Wirbeltierreste aus dem Mittelpliocän des Natrontales (Ägypten).

5231.95 PLEISTOCENE AND RECENT.

Stoner. 10712. Mode of accumulation of the Pleistocene bone deposits of Rancho la Brea.

5431 PISCES.

5431.55 UPPER PALAEOZOIC.

Ctenacanthus sp. France, Calcaire dévonien. **Bézier**. 10313.

GENERAL.

Reis. 10655. Über permische Pleuracanthidenreste.

SPECIAL.

Machaeracanthus kayseri n. sp. Volkersberg, Devon. **Kegel**. 10516.

5431.60 MESOZOIC (GENERAL).

GENERAL.

Mann u. Hennig. 10557. Mesozoische Ablagerungen in Adamaua, Kamerun.

SPECIAL.

Lepidotus manni sp. n. Kamerun, Mesozoicum. **Mann u. Hennig**. 10557.

5431.65 TRIASSIC.

GENERAL.

Eastman. 10423. Triassic fishes belonging to the families *Cutopteridae* and *Semionotidae*.

SPECIAL.

Strophodus shastensis n. sp. California, Triassic. **Bryant**, 10348.

5431.75 CRETACEOUS.

GENERAL.

Cockerell, 10394. Some fossil fish scales.

Priem, 10637. Sur les poissons fossiles des phosphates remaniés du Rethélois.

SPECIAL.

Ceratodus (Metaceratodus) wollastoni n. subgen. and sp. New South Wales. Cretaceous. **Chapman**, 10370.

Hoplopteryx lippei. Central-Russia. **Petz**, 10616.

5431.85 LOWER CAENOZOIC (EOCENE) OLIGOCENE.

GENERAL.

Cockerell, 10394. Some fossil fish scales.

SPECIAL.

Otolithus. Cotentin et Bretagne, Eocene. **Priem**, 10636.

5431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Cockerell, 10394. Some fossil fish scales.

5631 REPTILIA AND BATRACHIA.

5631.39 GENERAL.

Broom, 10332. On evidence of a mammal-like dental succession in the cynodont reptiles.

————— 10333. On the squamosal and related bones in the mosasaurs and lizards.

Gilmore, 10450. Osteology of the armoured Dinosauria in the United States National Museum, with special reference to the genus *Stegosaurus*.

Huene, 10485. Das natürliche System der Saurischia.

————— 10488. Geschichte der Archosaurier.

Williston, 10763. Water reptiles of the past and present.

5631.55 UPPER PALAEOZOIC.

GENERAL.

Broom, 10329. On the relationship of the South African Permian reptiles to those of Russia.

————— 10336. Studies on the Permian temnospondylous stegocephalians of North America.

————— 10337. Some points in the structure of the diacetyl skull.

————— 10339. A further comparison of the South African dinocerophalians with the American pelycosaur.

Case, **Williston** and **Mehl**, 10364. Permo-Carboniferous vertebrates from New Mexico.

Huene, 10484. The skull elements of the Permian Tetrapoda in the American Museum of natural history, New York. [Transl.]

Moodie, 10582. The Mazon creek, Illinois, Shales and their amphibian fauna.

Stromer, 10715. Die ersten fossilen Reptilreste aus Deutsch-Südwestafrika und ihre geologische Bedeutung.

Williston, 10760. Restorations of some American Permocarboniferous amphibians and reptiles.

————— 10762. American Permo-carboniferous reptiles and amphibians.

SPECIAL.

Aracoscelis gracilis. **Williston**, 10758.

Arribasaurus n. gen. New Mexico, Permian. **Williston**, 10761.

Aspidosaurus novomexicanus. New Mexico, Permo-Carboniferous. **Case** and **Williston**, 10361.

Bolosauridae. **Broom**, 10334.

Bolosaurus major n. sp. Texas, Permian. **Broom**, 10334.

Broiliellus n. gen et sp. *texensis*. Texas, Permian. **Williston**, 10759.

Casea broilii. **Williston**, 10758.

Chenoprosopus n. gen. et sp. *milleri*. New Mexico, Permo-Carboniferous. **Mehl**, 10566.

Diasparactus zenos. New Mexico, Permo-Carboniferous. **Case** and **Williston**, 10362.

Dicynodon n. spp. **Broom**. 10330.

Diictodon n. gen et sp. *galeops*. Cape Colony. **Broom**. 10330.

Edaphosaurus spp. New Mexico, Permo-Carboniferous. **Williston** and **Case**. 10766.

—— *cruciger*. **Case**. 10360.

Emydops longiceps n. sp. Cape Colony. **Broom**. 10330.

Emydorhynchus n. gen. et sp. *pulstris*. Cape Colony. **Broom**. 10330.

Ecyclops n. gen. et sp. *longus*. Cape Colony. **Broom**. 10330.

Eryops anatinus n. sp. North America, Permian. **Broom**. 10335.

Homalnotus gigas. Linksrhein, Unterdevon. **Dahmer**. 10401.

Ophiacodon mirus. New Mexico, Permo-Carboniferous. **Williston** and **Case**. 10764.

Ophiodeirus n. gen. et sp. *casei*. Texas, Permian. **Broom**. 10334.

Ostodolepis n. gen. et sp. *brevispinatus*. **Williston**. 10757.

Pantylus. **Broom**. 10335.

—— *cordatus*. **Mehl**. 10563.

Pelion lyelli. Ohio, Carboniferous. **Moodie**. 10583.

Ricnodon cf. *dispersus*. Böhmen, Obercarbon. **Hummel**. 10492.

Scoliomus n. gen. et sp. *puercensis*. New Mexico, Permo-Carboniferous. **Williston** and **Case**. 10765.

Sphenacodon ferox. New Mexico, Permo-Carboniferous. **Case** and **Williston**. 10363.

Trichasaurus n. nom. **Williston**. 10757.

Trimerorhachis medius n. sp. North America, Permian. **Broom**. 10335.

Varanosaurus acutirostris. **Brouli**. 10327.

5631.60 MESOZOIC (GENERAL).

Hay. 10473. On the manner of locomotion of the Dinosaurs, especially *Diplodocus*, with remarks on the origin of the birds.

Huene. 10489. Schädel einiger Pterosaurier.

—— 10491. Zweistämmigkeit

der Dinosaurier, mit Beiträgen zur Kenntnis einiger Schädel.

5631.65 TRIASSIC.

GENERAL.

Drevermann. 10421. Schädel von *Trematosaurus*.

Fraas. 10438. Die neuesten Dinosaurierfunde in der schwäbischen Trias.

Huene. 10486. Neue Beschreibung von *Ctenosaurus* aus dem Göttinger Buntsandstein.

—— 10487. Coelurosaurier-Reste aus dem unteren Muschelkalk.

—— 10490. Nachträge zu meinen früheren Beschreibungen triassischer Saurischia.

SPECIAL.

Angistorhinus n. gen. et sp. *grandis*. Wyoming, Triassic. **Mehl**. 10565.

Plateosaurus trossingensis n. sp. Schwaben, Trias. **Fraas**. 10438.

Procompsognathus n. gen et sp. *triassicus*. Schwaben, Trias. **Fraas**. 10438.

Thecodontosaurus diagnosticus n. sp. Schwaben, Trias. **Fraas**. 10438.

5631.70 JURASSIC.

GENERAL.

Brandes. 10324. Plesiosauriden aus dem Unteren Lias von Halberstadt.

SPECIAL.

Camarasaurus. **Mook**. 10584.

Eobatrachus agilis. Wyoming, Jurassic. **Moodie**. 10583.

Homeosaurus digitatellus n. sp. Bavaria, Jurassic. **Grier**. 10461.

Muraenosaurus ? *reedii* n. sp. Wyoming, Jurassic. **Mehl**. 10564.

Stegosaurus longispinus n. sp. Wyoming, Jurassic. **Gilmore**. 10450.

Tricleidus ? *laramiensis*. Wyoming, Jurassic. **Mehl**. 10564.

5631.75 CRETACEOUS.

GENERAL.

Ballerstedt. 10291. Bemerkungen zu den älteren Berichten über Saurierfahrten im Wealdensandstein und Behandlung einer neuen, aus 5 Fussabdrücken bestehenden Spur.

Gilmore. 10448. A second occurrence of Ichthyosaurian remains in the Benton Cretaceous.

Henning. 10476. Über neue Saurierfunde aus Canada und deren geologische Position.

Nopsa. 10595. Die Lebensbedingungen der obercretacischen Dinosaurier Siebenbürgens.

——— 10596. Vorkommen der Dinosaurier in Siebenbürgen.

SPECIAL.

Anchiceratops n. gen. et sp. *ornatus*. Alberta, Cretaceous. **Brown.** 10345.

Brachyceratops n. gen. et sp. *montanensis*. Montana, Cretaceous. **Gilmore.** 10449.

Camarasaurus. **Mook.** 10585.

Chelonia hoffmanni Gray. **Hoffmans.** 10478.

Corythosaurus n. gen. et sp. *casuarius*. Alberta, Cretaceous. **Brown.** 10347.

Elasmosaurus. Dongebiet. **Dombrovskij.** 10415.

Hypacrosaurus n. gen. et sp. *altispinus*. Alberta, Cretaceous. **Brown.** 10343.

Leurospondylus n. gen. et sp. *ultimus*. Alberta, Cretaceous. **Brown.** 10344.

Monorlonius flexus n. sp. Alberta, Cretaceous. **Brown.** 10346.

Saurolophus osborni. Alberta, Cretaceous. **Brown.** 10342.

5631.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

GENERAL.

Teppner. 10720. Phylogenetische Entwicklungen der „protringuiden Trionyciden“ des Tertiärs.

SPECIAL.

Bufo sp. Kansas, Pliocene. **Moodie.** 10583.

Trionyx petersi n. var. *trifalensis*. Steiermark, Miocän. **Teppner.** 10720.

——— *pliocenicus*. **Teppner.** 10718.

5831 AVES.

5831.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Aquila nn. spp. Wyoming, Eocene. **Shufeldt.** 10681.

Diatryma ajax n. sp. Wyoming, Eocene. **Shufeldt.** 10684.

Palaeophasianus n. gen. Wyoming, Eocene. **Shufeldt.** 10684.

5831.90 UPPER CAENOZOIC
(PLEISTOCENE AND RECENT.)

Proictinia n. gen. et sp. *gilmorei*. Kansas, Pliocene. **Shufeldt.** 10684.

5831.95 PLEISTOCENE AND
RECENT.

Miller. 10581. Bird remains from the Pleistocene of San Pedro, California.

6031 MAMMALIA.

6031.39 GENERAL.

Abel. 10280. Die vorzeitlichen Säugetiere.

Bogačev. 10320. Musée du Don à Novočerkassk. (Russie.)

Bölsche. 10318. Tierwanderungen in der Urwelt.

Broom. 10328. On the origin of the mammalian digital formula.

Lohr. 10549. Die Anpassung an die Rhizophagie im Marsupialierstamme.

6031.60 MESOZOIC (GENERAL).

Broom. 10338. On the structure and affinities of the Multituberculata.

6031.70 JURASSIC.

Amphicyon shahbuzi n. sp. **Pilgrim.** 10628.

Listriodon affinis. **Pilgrim.** 10626.

6031.80 CAENOZOIC (TERTIARY)
(GENERAL).

GENERAL.

Buwalda. 10353. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada.

Matthew. 10562. Time ratios in the evolution of mammalian phyla. A contribution to the problem of the age of the earth.

Osborn. 10609. Recent results in the phylogeny of the titanotheres.

——— 10610. New methods of restoring *Eotitanops* and *Brontotherium*.

SPECIAL.

Circotherium n. gen. India, Pliocene.
Holland and Peterson. 10481.

Macrotheriinae n. subfam. **Holland**
and **Peterson.** 10481.

Moropodinae n. subfam. **Holland**
and **Peterson.** 10481.

Moropus n. spp. Miocene. **Holland**
and **Peterson.** 10481.

Schizotheriinae n. subfam. **Holland**
and **Peterson.** 10481.

6031.85 LOWER CAENOZOIC
EOCENE, OLIGOCENE.

GENERAL.

Dareste de la Chavanne. 10402.
Sur l'Oligocène de la vallée de Biesbre
(Allier).

Granger. 10457. On the names of
Lower Eocene faunal horizons of
Wyoming and New Mexico.

SPECIAL.

Bathyopsis fissidens skull. Wyoming,
Eocene. **Osborn.** 10608.

Bunophorus n. gen. Wyoming,
Eocene. **Sinclair.** 10686.

Diacodexis n. spp. Wyoming, Eocene.
Sinclair. 10686.

Diploceras n. gen et sp. *osborni*.
Utah, Eocene. **Peterson.** 10619.

Dolichorhinus longiceps (?). **Peterson.**
10622.

Eomoropus n. gen. Wyoming, Eocene.
Osborn. 10606.

Eotitanops n. spp. Wyoming,
Eocene. **Osborn.** 10607.

Eotitanotherium n. nom. **Peterson.**
10624.

Halitherium schinzi Kaup. **Oort,**
van. 10603.

Helohyus milleri n. sp. Wyoming,
Eocene. **Sinclair.** 10686.

Heterotitanops n. gen. et sp. Utah,
Eocene. **Peterson.** 10620.

Lambdaotherium priscum. Wyoming,
Eocene. **Osborn.** 10607.

Lophiohyus n. gen. et sp. *alticeps*.
Wyoming, Eocene. **Sinclair.** 10686.

Sarcolemur. Wyoming, Eocene.
Sinclair. 10686.

Wasatchia n. gen. et spp. Wyoming,
Eocene. **Sinclair.** 10686.

6031.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

GENERAL.

Branca. 10323. Bisherige Ergebnisse der Untersuchung der von Dr. Reck in der Serengeti-Steppe, Deutsch-Ostafrika, ausgegrabenen Reste von Säugetieren.

Buwalda. 10353. Tertiary mammal beds of Stewart and Tione valleys in west-central Nevada.

Gignoux. 10447. Les formations marines pliocènes et quaternaires de l'Italie du sud et de la Sicile.

Merriam. 10573. The occurrence of Tertiary mammalian remains in north-eastern Nevada.

Vasseur. 10733. Nouvelles découvertes paléontologiques dans l'Aquitainien supérieur des environs de Lau gnac (Lot-et-Garonne).

SPECIAL.

Aceratherium. Odessa. **Chomenko.**
10379.

Cervavitus tarakliensis n. gen. et sp. South Russia, Miocene. **Chomenko.**
10378.

Cervocerus novorossiae n. gen. et sp. South Russia, Miocene. **Chomenko.**
10378.

Damacerus bessarabiae n. gen. et sp. South Russia, Miocene. **Chomenko.**
10378.

Delphinavus n. gen. et sp. California, Miocene. **Lull.** 10553.

Desmostylus japonicus. **Tokunaga**
and **Iwasaki.** 10722.

Dissopsalis. Lower Siwaliks. **Pilgrim.** 10628.

Elephas planifrons. Niederösterreich. **Schlesinger.** 10670.

Eoanthropus dawsoni. Piltdown. **Rehlen.** 10653.

Felsinotherium serresi. Montpellier, Miocene. **Depéret.** 10406.

Indarctos salmontanus n. gen and sp. Middle Siwaliks. **Pilgrim.** 10625,
10627.

Mastodon nn. spp. Siwaliks. **Pilgrim.** 10625.

Paramachoerodus n. gen. **Pilgrim.** 10625.

Procobus n. gen et spp. South Russia, Miocene. **Chomenko.** 10378.

Progenetta n. gen. et sp. *proava*. Siwaliks. **Pilgrim.** 10625.

Proleptobos birmanicus n. gen and sp. Siwaliks. **Pilgrim.** 10625.

Promerycochoerus spp. **Peterson.** 10623.

Sivaelurus n. gen. et sp. *chinjiensis*. **Pilgrim.** 10625.

Tetraelodon (?) sp. Miocene, Nevada. **Buwalda.** 10352.

Tetraelodon nn. spp. **Pilgrim.** 10625.

Tragocerus n. sp. South Russia, Miocene. **Chomenko.** 10378.

6031.95 PLEISTOCENE AND RECENT.

GENERAL.

Abel. 10278. Neue Rekonstruktion des Mammut nach den Zeichnungen des Eiszeitmenschen.

Aubert. 10289. La marmotte bobac de Beynes (Seine-et-Oise).

Bayer. 10296. Der Mensch in der Eiszeit.

Birkner. 10315. Der angeblich diluviale Menschenfund in der Oldoway-Schlucht in Deutsch-Ostafrika.

Bonnet. 10322. Diluviale Menschenfunde in Obercassel bei Bonn. III. Die Skelete.

Buwalda. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada.

Carle-Weissen. 10357. Les ossements d'un *Archaeolemur* et les caractères du volcan Iatsifotra dans lequel il a été trouvé.

Commont. 10395. Remarques sur les éléphants quaternaires de Saint-Acheul et des Moutiers.

Eaton. 10424. Report on the remains of man and of lower animals from the vicinity of Cuzco, Peru.

————— 10425. Vertebrate fossils from Ayusbamba, Peru.

Forsyth. 10435. La faune des Mammifères quaternaires de la Corse et de la Sardaigne.

Gautrelet et Neuville. 10444. Le sang de Mammouth.

Gignoux. 10447. Les formations marines pliocènes et quaternaires de l'Italie du sud et de la Sicile.

Gosselet. 10455. Sur une dent d'*Elephas primigenius* trouvée à Malhove et sur des silex contenus dans l'argile des Flandres à Watten.

Heller. 10475. Zur mikroskopischen Anatomie der ältesten Säugetier- und Menschenhaut.

Joleaud. 10507. Sur l'âge des éléphants quaternaires d'Algérie.

Korvenkontio. 10524. Ein Mammutzahn-Fund in Helsingfors.

Kukuk. 10535. Der Fund eines Moschusochsenschädels im Diluvium des Emschertales.

Lory. 10550. L'existence de la Marmotte au Vercors à l'époque quaternaire.

Matthew. 10562. Time ratios in the evolution of mammalian phyla. A contribution to the problem of the age of the earth.

Menzel. 10570. Die paläontologischen Grundlagen für die Chronologie des Diluvialmenschen.

Merriam. 10574. Discovery of human remains in an asphalt deposit at Rancho La Brea.

Neuville et Gautrelet. 10588. Observations faites sur le sang du Mammouth offert au Muséum par le comte Stenbock-Fermor.

Osborn. 10611. Restoration of the world series of elephants and mastodons.

Piraud. 10631. La présence des Marmottes dans le Vercors.

Reck. 10648. Fund eines fossilen Menschen skelets aus Zentralafrika.

————— 10649. Fossile Tier- und Menschenfunde aus Oldoway in Zentralafrika.

Schwalbe. 10675. Kritische Besprechung von Boulés Werk: „L'homme fossile de la Chapelle-aux-Saints“ mit eigenen Untersuchungen.

Smith. 10691. A review of the mammalian remains from the superficial deposits in the vicinity of Onondaga lake, New York.

Stefanescu. 10703. Sur l'origine des lames cunéiformes des molaires d'éléphant.

Stoller. 10711. Spuren des diluvialen Menschen in der Lüneburger Heide.

Trouessart. 10725. Le cheval existait-il en Amérique à l'époque de la découverte du Nouveau Continent ?

Verworn. 10734. Diluviale Menschenfunde in Obercassel bei Bonn. I Fundbericht.

Wahnschaffe. 10735. Kritische Bemerkungen zum Interglazial II und Spätglazial Norddeutschlands. Mit besonderer Berücksichtigung der diluvialen Säugetierfauna.

Wieggers. 10749. Prähistorische Untersuchung einiger deutscher Diluvialfundstätten.

SPECIAL.

Capra nn. spp. Hundsheim, Diluv. **Freudenberg.** 10442.

Castoroides ohioensis. New York, Quaternary. **Smith.** 10692.

Cervus algericus. **Joleaud.** 10506.

——— *elaphus.* Montfort-sur-Risle (Eure). **Fortin.** 10436.

——— *pachygenia.* **Joleaud.** 10565.

Elephas antiquus Falc. River Waal near Nymegen. **Rutten.** 10664.

——— *planifrons.* Niederösterreich. **Schlesinger.** 10670.

Eoanthropus dawsoni. Piltown. **Rehlen.** 10653.

Hemitragus bonali n. sp. Dordogne, Quaternaire. **Harlé et Stehlin.** 10472.

Homo primigenius. Weimar. **Schwalbe.** 10674.

Lagomys. Dordogne. **Harlé.** 10471.

Machairodus. Villeneuve-sur-Lot. **Harlé.** 10470.

Mammuth americanum. Connecticut, Pleistocene. **Schuchert.** 10672.

Myiodon sp. California, Pleistocene. **Stock.** 10710.

——— *harlani.* California, Pleistocene. **Stock.** 10709.

Ovis toulai n. sp. Hundsheim, Diluv. **Freudenberg.** 10442.

Platigonus leptorhinus. **Peterson.** 10621.

Rhinoceros etruscus n. subsp. *heidelbergensis.* Deutschl., Diluv. **Freudenberg.** 10442.

LIST OF NEW GENERA AND SPECIES.

0431 PROTOZOA.

CRYPTOZOON *australicum*. Howchin.
10483.

— *tessellatum*. Howchin. 10483.

NUMMULITES *yawensis*. Cotter.
10398.

SCHELLWIENIA *convoluta*. Meyer.
10579.

— *peruana*. Meyer. 10579.

0631 PORIFERA.

CHENENDOPORA (?) *major*. Smith.
10697.

0831 COELENTERATA.

ALVEOLITES *frechi*. Charlesworth,
10376, 77.

— *suborbicularis* n. mut. *volaicus*.
Charlesworth. 10376, 77.

AMPLEXUS *frechi*. Charlesworth.
10376, 77.

ASTRAEOPORA *perexigua*. Oppenheim.
10604.

BARYSMILIA *montecchiana*. Kranz.
10526.

CALAMOPHYLLIA *trinitensis*. Kranz.
10526.

CAROPHYLLIA (?) *laoagana*. Smith.
10697.

CLATHRODICTYON *carnicum*. Charles-
worth. 10376.

COLUMNARIA *alveolata interventa* n.
var. Foerste. 10434.

— *symbiotica*. Charlesworth.
10376.

CYATHAXONIA *girtyi*. Haack. 10465.

CYATHOPHYLLOIDES *symbioticum*.
Charlesworth. 10377.

CYATHOPHYLLUM *alpinum*. Charles-
worth. 10376, 77.

— ex aff. *dianthus*. Charlesworth.
10376, 77.

— *syringoporoides*. Charlesworth.
10377.

— *vermiculare* n. mut. Charles-
worth. 10377.

— *volaicum*. Charlesworth.
10376, 77.

CYSTIPHYLLUM *intermedium* n. var.
densum. Charlesworth. 10376, 77.

ENDOPHYLLUM *carnicum*. Charles-
worth. 10376, 77.

FAVOSITES *praecursor*. Charlesworth.
10377.

— *proasteriscus*. Charlesworth. 10376,
77.

— *reticulatus* n. mut. *praecursor*.
Charlesworth. 10376, 77.

GLYPTOGRAPTUS *sacculifer*. Dollé.
10413.

HELIOLITES *confinensis*. Charles-
worth. 10376, 77.

MEDUSINA *walcolti*. Barbour. 10292.

MONTLIVALTIA *bulacana*. Smith.
10697.

— *cortada*. Smith. 10697.

— *robusta*. Smith. 10697.

ODONTOCYATHUS *coloradus*. Smith.
10697.

PATTALOPHYLLIA (?) *bonita*. Smith.
10697.

PETRAIA *celloniensis*. Charlesworth.
10377.

— *confinensis*. Charlesworth. 10376.

PTYCHOCYATHUS (?) *incognitus*. Smith.
10697.

- RASTRITES reyi*. Dollé. 10413
SIPHONOPHRENTIS n. gen. O'Connell.
 10600.
STRIATOPORA volaica. Charlesworth.
 10376, 77.
STROMATOPORA celloniensis. Charles-
 worth. 10376.
STROMATOPORELLA volaica. Charles-
 worth. 10376.
SYRINGOPORA alpina. Charlesworth.
 10376, 77.
THAMNASTRAEA irradians n. var.
cingulata. Kranz. 10526.
THECIA swinderenana n. mut. *de-*
vonica. Charlesworth. 10376, 77.
ZAPHRENTIS alpina. Charlesworth.
 10376, 77.

1031 ECHINODERMATA.

- AMPHIOPA boulei*. Cottreau. 10399.
ANTEDON cava. Nielsen. 10592.
 — *danica*. Nielsen. 10592.
 — *granulata*. Nielsen. 10592.
 — *plana*. Nielsen. 10592.
 — *semiglobularis*. Nielsen. 10592.
 — *stevensis*. Nielsen. 10592.
ASTRODAPSIS peltoides. Anderson
 & Martin. 10285.
ATELECRINUS faxensis. Nielsen.
 10592.
BOURGUETICRINUS bulbiformis. Niel-
 sen. 10592.
 — *curvatus*. Nielsen. 10592.
 — *danicus*. Nielsen. 10592.
 — *furris*. Nielsen. 10592.
 — *verrucosus*. Nielsen. 10592.
CACTOCRINUS baccatus. Wood.
 10770.
 — *platybrachiatus*. 10770.
CARYOCYSTIS bicompressa. Reed.
 10650.
CLYPEASTER carrizoensis. Kew.
 10517.
 — *deserti*. Kew. 10517.
CYATHOCRINUS carnicus. Charles-
 worth. 10375.
ECHINOLAMPAS tagliaferroi. Cottreau.
 10399.

- ECHINONEUS cyclostomus* n. var. *haugi*.
 Cottreau. 10399.
ECHINOSPHAERA sinensis. Reed.
 10650.
ENCOPE tenuis. Kew. 10517.
EUPATAGUS mooreanus. Pilsbry. 10629.
HELIOCRINUS subovalis. Reed. 10650.
HEXACRINUS frechi. Charlesworth.
 10375.
HIPPONOË californica. Kew. 10517.
HOMOCRINIDAE n. fam. Kirk. 10520.
INFULASTER tuberculatus. Valette.
 10730.
LASIOCRINUS n. gen. Kirk. 10520.
LICHENOCRINUS subaequalis. Foerste.
 10434.
MEGISTOCRINUS devonicus. * Charles-
 worth. 10375.
MELOCRINUS prostellaris Frech mscr.
 Charlesworth. 10375.
NYMPHAEOLASTUS n. gen. Peetz.
 10615.
 — *miljukovi*. Peetz. 10615.
OHIOCRINUS exilis. Foerste. 10434.
OVOCYSTIS mansuyi. Reed. 10650.
PENTACRINUS campanularis. Nielsen.
 10592.
 — *convexus*. Nielsen. 10592.
 — *crassus*. Nielsen. 10592.
 — *fonicus*. Nielsen. 10592.
 — *kagstrupianus*. Nielsen. 10592.
 — *longus*. Nielsen. 10592.
 — *miliaris*. Nielsen. 10592.
 — *obsoletus*. Nielsen. 10592.
 — *paucicirrhus*. Nielsen. 10592.
 — *rejstrupianus*. Nielsen. 10592.
RHIPIDOCRINUS alpinus. Charlesworth.
 10375.
 — *praecursor* Frech mscr. Charles-
 worth. 10375.
RHIZOCRINUS dubius. Nielsen. 10592.
SCHIZASTER gennevauxi. Cottreau.
 10399.
SINOCYSTIS loczyi. Reed. 10650.
 — *piroides*. Reed. 10650.
 — *yunnanensis*. Reed. 10650.
SPHAERONIS shihtienensis. Reed.
 10650.

2031 BRACHIOPODA AND
BRYOZOA.

- ACROPORIDAE n. fam. Canu. 10355.
 ARGIOPE *pindborgii*. Nielsen. 10593.
 — *posseltii*. Nielsen. 10593.
 — *ravnii*. Nielsen. 10593.
 ATHYRIS *caeraesanoides*. Assmann. 10288.
 BEISSELINA n. gen. Canu. 10355.
 BERENICEA *amphora*. Canu. 10355.
 — *edwardsi* n. nom. Canu. 10355.
 — *scotinula* n. var. *minima*. Canu. 10355.
 CAMAROPHORIA *thevenini*. Kozłowski. 10525.
 CHILOTRYPA *peruana*. Meyer. 10579.
 COSCINOPLURIDA n. fam. Canu. 10355.
 CRANIA *faxensis*. Nielsen. 10593.
 — *rosenbergii*. Nielsen. 10593.
 — *tubulosa*. Nielsen. 10593.
 DERBYIA *parasitica*. Kozłowski. 10525.
 DITAXIPORA *lutecciana*. Canu. 10356.
 LEIORHYNCHUS *kielcensis*. Sobolev. 10699.
 MICROPORA *magnipora*. Canu. 10356.
 MONOPOLA *asymmetrica*. Canu. 10356.
 MUCRONELLA *longicella*. Canu. 10356.
 ORTHIS *fuchsii*. Assmann. 10288.
 PETRALIA *convexa*. Canu. 10356.
 — *immersa*. Canu. 10356.
 — *micronata*. Canu. 10356.
 PROBOSCINA *lesurensis*. Canu. 10355.
 PRODUCTUS *bouleii*. Kozłowski. 10525.
 — *cristato-tuberculatus*. Kozłowski. 10525.
 — *orbigny* n. var. *major*. Kozłowski. 10525.
 QUADRICELLARIA *ventricosa*. Canu. 10356.
 RHENORENSSELAERIA n. subg. Kegel. 10516.
 RHIPIDOMELLA *variabilis*. Grabau. 10456.
 SCHIZOPORELLA *subsinuosa*. Canu. 10356.

- SMITTIA *saccoi*. Canu. 10355.
 SPIRIFER *bischofi* n. var. *rhenana*. Kegel. 10516.
 — *densbergensis*. Assmann. 10288.
 — *latecostatus*. Assmann. 10288.
 — *pirssonae*. Pirsson & Schuchert. 10632.
 — *scutiformis*. Assmann. 10298.
 STROPHEODONTA *alpenensis*. Grabau. 10456.
 — *biplana*. Quiring. 10642.
 — *dundeensis*. Grabau. 10456.
 — *sedgwicki* n. var. *rudis*. Kegel. 10516.
 STROPHOMENA *subcircularis*. Assmann. 10288.
 TEREBRATULA *cincta*. Nielsen. 10593.
 — *danicum*. Nielsen. 10593.
 THECIDIUM *grönwallii*. Nielsen. 10593.
 VINELLOIDEA *crussolensis*. Canu. 10355.

2231 MOLLUSCA.

- ACANTHOPUPA n. gen. Wenz. 10432.
 ACMAEA *martinezensis*. Dickerson. 10408.
 ACROCHORDICERAS *alternans*. Smith. 10695.
 — *holtzense*. Smith. 10695.
 — *inyoense*. Smith. 10695.
 ADMETE *clatskaniensis*. Anderson & Martin. 10285.
 AGASOMA *acuminatum*. Anderson & Martin. 10285.
 — *barkerianum clarki* n. var. English. 10430.
 — *columbianum*. Anderson & Martin. 10205.
 — *oregonense*. Anderson & Martin. 10285.
 — *yaquinanum*. Anderson & Martin. 10285.
 AMAUROPSIS *andersoni*. Dickerson. 10410.
 — *martinezensis*. Dickerson. 10408.
 — *umpquaensis*. Dickerson. 10410.
 AMPHISSA *posunculensis*. Anderson & Martin. 10285.

- AMPULLINA boettgeri*. Martin. 10561.
 — *ickei*. Martin. 10561.
ANATINA negrei. Cossmann. 10397.
ANCHURA englishi. Dickerson. 10408.
 — *gabbi*. Dickerson. 10408.
ANCILLA boettgeri. Martin. 10561.
 — *ickei*. Martin. 10561.
 — *jogjacartensis*. Martin. 10561.
 — *nonna*. Martin. 10561.
 — *puruensis*. Martin. 10561.
 — *rasa*. Martin. 10561.
 — *songoënsis*. Martin. 10561.
ANOMIA geniculata. Whitney. 10745.
ARCA dalli. Brown & Pilsbry. 10340.
ARCESTES hartzelli. Smith. 10695.
ARCHAEGOPIS n. subgen. Wenz. 10432.
ARGORUCCINUM arnoldi. Martin. 10559.
 — *dilleri*. Anderson & Martin. 10285.
 — *scotiaensis*. Martin. 10559.
ASTARTE hundesiana. Spitz. 10702.
ASTHENOTOMA elberti. Martin. 10561.
 — *tobleri*. Martin. 10561.
ATRACTITES burckhardi. Smith. 10695.
 — *clavatus*. Smith. 10695.
 — *elegans*. Smith. 10695.
 — *solidus*. Smith. 10695.
AVICULA convexa. Kegel. 10516.
AVICULOPECTEN biscissus. Kegel. 10516.
 — *rotundo-alatus*. Kegel. 10516.
BALATONITES hadleyi. Smith. 10695.
 — *kingi*. Smith. 10695.
 — *quaternonodatus* Rassmuss. 10643.
 — *zimmeri*. Rassmus. 10643.
 — *zimmermanni*. Rassmus. 10643.
BAREATIA simondsi. Whitney. 10745.
BATHYTOMA clarkiana. Rivers. 10661.
 — *condonana*. Anderson & Martin. 10285.
BELEMNITES infans Schirardin. 10609.
 — *pseudoduvolia*. Sinzow, 10687.
BELLEROPHON gigas. Kegel. 10516.
 — *regius*. Kegel. 10516.
 — *rogersensis*. Foerste. 10434.
BEYRICHTITES dunni. Smith. 10695.
 — *fulciformis*. Smith. 10695.
 — *osmonti*. Smith. 10695.
 — *tenuis*. Smith. 10695.
BITTIUM scotti. Brown & Pilsbry. 10340.
BOREOTROPHON fleenerensis. Martin. 10559.
BORSONIA cossmanni. Martin. 10561.
 — *volzi*. Martin. 10561.
BRODICERAS primarium. Schirardin. 10669.
 — *reflectans*. Schirardin. 10669.
BUCCINUM saundersi. Martin. 10559.
BULLA cantuaensis. Anderson & Martin. 10285.
BYTHINELLA antiquensis. Brown & Pilsbry. 10341.
 — *thomaei*. Wenz. 10432.
CALLIOSTOMA pacificum. Anderson & Martin. 10285.
CALYPTRAEA kalimnae. Chapman & Gabriell. 10374.
CANCELLARIA elsmereensis. English. 10429.
 — *jogjacartensis*. Martin. 10561.
 — *lickana*. Anderson & Martin. 10285.
 — *nanngulanensis*. Martin. 10561.
 — *nevadensis*. Anderson & Martin. 10285.
 — *posunculensis*. Anderson & Martin. 10285.
 — *puruensis*. Martin. 10561.
 — *rotunda*. Anderson & Martin. 10285.
 — *sanjosei*. Anderson & Martin. 10285.
CARDITA lamellosa. Dollfus & Dautzenberg. 10414.
CARDIUM durum. Brown & Pilsbry. 10340.
 — *weaveri*. Anderson & Martin. 10285.
CASSIDARIA arntzenii. Martin. 10561.
CASSIS jogjacartensis. Martin. 10561.
CELTITES gabbi. Smith. 10695.
 — *polygyratus*. Smith. 10695.
CERATITES altilis. Smith. 10695.
 — *applanatus*. Smith. 10695.
 — *argentarius*. Smith. 10695.
 — *beckeri*. Smith. 10695.
 — *beecheri*. Smith. 10695.

- CERATITES burckhardti.** Smith. 10695.
 — *clarkei.* Smith. 10695.
 — *cornutus.* Smith. 10695.
 — *crassicornu.* Smith. 10695.
 — *cricki.* Smith. 10695.
 — *emmonsii.* Smith. 10695.
 — *gilberti.* Smith. 10695.
 — *haquei.* Smith. 10695.
 — *hersheyi.* Smith. 10695.
 — *karpinskyi.* Smith. 10695.
 — *kingi.* Smith. 10695.
 — *kittli.* Toulà. 10724.
 — *lawsoni.* Smith. 10695.
 — *montis-bovis.* Smith. 10695.
 — *newberryi.* Smith. 10695.
 — *occidentalis.* Smith. 10695.
 — *organi.* Smith. 10695.
 — *pilatus.* Smith. 10695.
 — *ransomei.* Smith. 10695.
 — *rectangularis.* Smith. 10695.
 — *rotuloides.* Smith. 10695.
 — *russelli.* Smith. 10695.
 — *spiniifer.* Smith. 10695.
 — *spurri.* Smith. 10695.
 — *taurus.* Smith. 10695.
 — *tenuispiralis.* Smith. 10695.
 — *trojanus.* Smith. 10695.
 — *wardi.* Smith. 10695.
 — *washburnei.* Smith. 10695.
 — *weaveri.* Smith. 10695.
 — *wemplei.* Smith. 10695.
 — *williamsi.* Smith. 10695.
CERATODES jolyi. Jodot. 10502.
CERITHIOPSIS oregonensis. Dickerson. 10410.
CERITHIUM arnoldi. Anderson & Martin. 10285.
 — *butterworthi.* Dickerson. 10409.
 — *hilli.* Whitney. 10745.
 — *ickei.* Martin. 10561.
 — *shumardi.* Whitney. 10745.
 — *songoëns.* Martin. 10561.
 — *stantoni.* Whitney. 10745.
CHEILOCERAS inversum. Sobolev. 10699.
 — *polonicum.* Sobolev. 10699.
CHENOPSIS sultani. Martin. 10561.
CHIONE elsmereensis. English. 10429.
 — *fernandoensis.* English. 10429.
 — *latilaminosa.* Anderson & Martin. 10285.
 — *margaritana.* Anderson & Martin. 10285.
 — *panzana.* Anderson & Martin. 10285.
CHRYSODOMUS andersoni. Martin. 10559.
 — *eurekaensis.* Martin. 10559.
 — *kernensis.* Anderson & Martin. 10285.
 — *lawsoni.* Martin. 10559.
 — *purisimaensis.* Martin. 10559.
 — *scotiaensis.* Martin. 10559.
 — *tabulatus colmaensis* n. var. Martin. 10559.
CINULIA conradi. Whitney. 10745.
 — *pelleti.* Whitney. 10745.
CIRSOTREMA crispata. Harder. 10469.
 — *textilis.* Harder. 10469.
CLAVILITHES songoensis. Martin 10561.
CLYMENIA curvidorsata Sobolev. 10699.
 — *lagowiensis.* Sobolev. 10699.
 — *tenuis.* Sobolev. 10699.
COLUMBELLA jogjacartensis. Martin. 10561.
 — *puruensis.* Martin. 10561.
COLUMBITES humboldtensis. Smith. 10695.
 — *plicatulus.* Smith. 10695.
 — *spencei.* Smith. 10695.
CONDYLOCARDIA tenuicostae. Chapman & Gabriel. 10374.
CONGERIA drvarensis. Toulà. 10724.
CONULARIA trentonensis-rogersensis var. n. Foerste. 10434.
CONUS sulcatus philippinensis var. n. Smith. 10697.
CORBULA hexacyma. Brown & Pilsbry 10340.
COTTESWOLDIA frequens. Schirardin. 10669.
 — *inconstans.* Schirardin. 10669.
CRASSATELLITES brainerdi. Dickerson. 10409.
 — *branneri.* Waring. 10739.
 — *claytonensis.* Dickerson. 10408.
 — *mediamERICANUS.* Brown & Pilsbry. 10340.
 — *stewartvillensis.* Dickerson. 10408.
 — *studleyi.* Dickerson. 10408.
CTENODONTA beushauseni n. nom. Kegel. 10516.
 — *candida.* Kegel. 10516.
 — *elegantula.* Kegel. 10516.
CUOULLAEA morani. Waring. 10739.
 — *uhligi.* Spitz. 10702.
CUSPIDARIA hannibali. Dickerson. 10408.

- CYCLOCONCHA *oblonga*. Foerste. 10434.
 CYLICOCEBAS *splendens*. Schirardin. 10669.
 CYLINDRITES *whitei*. Whitney. 10745.
 CYPRAEA *conigera*. Martin. 10561.
 CYPRICARDELLA *procurta*. Kegel. 10516.
 CYRTOCERAS *ellipticum*. Sobolev. 10699.
 DALMATITES *minutus*. Smith. 10695.
 — *parvus*. Smith. 10695.
 DAONELLA *americana*. Smith. 10695.
 — *peciensis*. Toulou. 10724.
 — *sanctae-annae*. Smith. 10695.
 DELPHINULA *permodesta*. Martin. 10561.
 DENTALIUM *tumidum*. Smith. 10695.
 DIENTOMOCHILUS *ickei*. Martin. 10561.
 DIMORPHOCERAS *lovneyi* n. var. *saharica*. Dollé. 10412.
 DINARITES *desertorum*. Smith. 10695.
 — *pygmaeus*. Smith. 10695.
 DIPLODONTA *buwaldana*. Anderson & Martin. 10285.
 DONAX *kenyoniana*. Chapman & Gabriel. 10374.
 — *triangulata*. Anderson & Martin. 10285.
 DOSINIA *delicatissima*. Brown & Pilsbry. 10340.
 — (?) *lawsoni*. Dickerson. 10408.
 DRILLIA *antiselli*. Anderson & Martin. 10285.
 — *boettgeri*. Martin. 10561.
 — *buwaldana*. Anderson & Martin. 10285.
 — *columbiana*. Anderson & Martin. 10285.
 — *continua costata*. Martin. 10561.
 — *eustoni*. Martin. 10561.
 — *enneacyma*. Brown & Pilsbry. 10340.
 — *fleenerensis*. Martin. 10559.
 — *mercedensis*. Martin. 10559.
 — *ochsneri*. Anderson & Martin. 10285.
 — *ocoyana*. Anderson & Martin. 10285.
 — *sultani*. Martin. 10561.
 — *temblorensis*. Anderson & Martin. 10285.
 — *wilsoni*. Anderson & Martin. 10285.
 DUVALIA *gagrica*. Švecov. 10717.
 — *pontica*. Švecov. 10717.?
 EPITONIUM *posoensis*. Anderson & Martin. 10285.
 — *williamsoni*. Anderson & Martin. 10285.
 EULIMA *joggacartensis*. Martin. 10561.
 — *pinguicula*. Chapman & Gabriel. 10374.
 EULIMELLA *californica*. Anderson & Martin. 10285.
 — *dilleri*. Anderson & Martin. 10285.
 — *gabbiana*. Anderson & Martin. 10285.
 — *ochsneri*. Anderson & Martin. 10285.
 EUTOMOCERAS *breweri*. Smith. 10695.
 — *dalli*. Smith. 10695.
 — *lahontanum*. Smith. 10695.
 EUTRITONIUM *boehmi*. Martin. 10561.
 — *joggacartense*. Martin. 10561.
 — *hillebrandae*. Martin. 10561.
 — *wanneri*. Martin. 10561.
 EXOXYRA *costata cancellata* n. var. Stephenson. 10707.
 — *ponderosa erraticostata* n. var. Stephenson. 10707.
 — *upatoiensis*. Stephenson. 10707.
 FASCIOLARIA *gorgasiana*. Brown & Pilsbry. 10340.
 FAUNUS *boettgeri*. Martin. 10561.
 — *cossmanni*. Martin. 10561.
 FICUS *rodeoensis*. English. 10430.
 FISSURELLA (?) *behri*. Dickerson. 10408.
 FISTULANA *ruperti*. Whitney. 10745.
 FOSSARUS *dalli*. Anderson & Martin. 10285.
 FUSINUS *empirensis*. Anderson & Martin. 10285.
 FUSUS *dumblei*. Dickerson. 10408.
 — *nanggulanensis*. Martin. 10561.
 — *scabriculus subcingularis* n. var. Harder. 10469.
 — *simondsi*. Whitney. 10745.
 GASTRODONTA *coryphodontis*. Cockerell. 10391.
 GENOTIA *joggacartensis*. Martin. 10561.
 — *pseudomelongena*. Martin. 10561.
 GERMANONAUTILUS *furlongi*. Smith. 10695.

- GLYPHIOCERAS *subcircularis* n. var.
 zousfanensis. Dollé. 10412.
 — *subglobosum*. Dollé. 10412.
 GLYPTOBASIS *marshalli*. Roundy.
 10663.
 GONIOCYLINDRITES *champanyanensis*.
 Maire. 10554.
 — *noironensis*. Maire. 10554.
 GONIOPHORA *cornucopiae*. Kegel.
 10516.
 GRAMMOCERAS *fucosum*. Schirardin.
 — *lateroplanum*. Schirardin. 10669.
 — *timidum*. Schirardin. 10669.
 GRAMMYSIA *orbicularis*. Kegel. 10516.
 GYMNITES *alexandrae*. Smith. 10695.
 — *calli*. Smith. 10695.
 — *peciensis*. Toulou. 10724.
 — *rosenbergi*. Smith. 10695.
 GYRINEUM *elsmerense*. English. 10429.
 HAMMATOCERAS *vetustum*. Schirardin.
 10669.
 HARPOCERAS *subtile*. Schirardin.
 10669.
 HAUGIA *humilis*. Schirardin. 10669.
 HEBERTELLA *latesulcata*. Foerste.
 10434.
 HELICAULAX *cossmanni*. Lecoindre.
 10539.
 HELIX *chriacorum*. Cockerell. 10391.
 — *hesperarche*. Cockerell. 10391.
 HEMIFUSUS (?) *waringi*. Dickerson.
 10408.
 HEMISINUS *antiquensis*. Brown &
 Pilsbry. 10341.
 — *latus*. Brown & Pilsbry. 10341.
 — *siliceus*. Brown & Pilsbry. 10341.
 HERCOGLOSSA *merriami*. Dickerson.
 10498.
 HIBOLITES *brevis*. Švecov. 10717.
 — *elegans*. Švecov. 10717.
 — *gagricus*. Švecov. 10717.
 — *jaculiformis*. Švecov. 10717.
 — *longior*. Švecov. 10717.
 — *longus*. Švecov. 10717.
 — *minaretiformis*. Švecov. 10717.
 — *moderatus*. Švecov. 10717.
 — *pinguis*. Švecov. 10717.
 — *prodromus*. Švecov. 10717.
 — *uhligi*. Švecov. 10717.
 — *varians*. Švecov. 10717.
 HINDSIA *maxima*. Martin. 10561.
 — *nunggulanensis*. Martin. 10561.
 HOLOPRA *incerta*. Foerste. 10434.
 HOLOSPIRA *grangeri*. Cockerell. 10391.
 HOMOMYA *budaensis*. Whitney. 10745.
 HORMOTOMA *terebriformis*. Foerste.
 10434.
 HUNGARITES *fittingensis*. Smith. 10695.
 ISOCARDIA *tejonensis*. Waring. 10739.
 LACUNA *carpenteri*. Anderson &
 Martin. 10285.
 LAMINIFERA *matthiaci* n. nom. Wenz.
 10432.
 LATHYRUS *jogjacartensis*. Martin.
 10561.
 — *puruensis*. Martin. 10561.
 LECANITES *crassus*. Smith. 10695.
 — *nudus*. Smith. 10695.
 — *parvus*. Smith. 10695.
 LEDA *milleri*. Dickerson. 10408.
 — *ochsneri*. Anderson & Martin.
 10285.
 — *packardi*. Dickerson. 10408.
 LIMA (?) *claytonensis*. Dickerson.
 10408.
 — (?) *haseltinei*. Dickerson. 10408.
 — *perrini*. Waring. 10739.
 LIMOPSIS *aurita* n. var. *parva*. Harder.
 10469.
 LIOCERAS *seidlitzii*. Schirardin. 10669.
 LIOTIA *dennanti*. Chapman & Gabriel.
 10374.
 LUDWIGIA *beneckei*. Schirardin. 10669.
 — *insolens*. Schirardin. 10669.
 — *patens*. Schirardin. 10669.
 MACROCALLISTA (?) *packi*. Dickerson.
 10408.
 MACTRA *sectoris*. Anderson & Martin.
 10285.
 MANGILIA *howei*. Anderson & Martin.
 10285.
 — *kernensis*. Anderson & Martin.
 10285.
 — *thersites*. Martin. 10561.
 — *varicifera*. Martin. 10561.
 MARGINELLA *praeformicula*. Chapman
 & Gabriel. 10374.
 MEGAPHYLLITES *septentrionalis*. Smith.
 10695.
 MELONGENA *californica*. Anderson &
 Martin. 10285.
 MERETRIX *dalli*. Dickerson. 10408.
 — *stantoni*. Dickerson. 10408.

- MITRA *ravni*. Harder. 10469.
 MODIOLA *austinensis*. Whitney. 10745.
 MODIOLARIA *moguntina*. Bucher. 10349.
 MODIOLOPSIS *rogersensis*. Foerste. 10434.
 MODIOLUS *bakeri*. Dickerson. 10408.
 — *stalderi*. Martin. 10559.
 MODIOMORPHA *herrmanni*. Kegel. 10516.
 — *speciosa taunica* mut. n. Kegel. 10516.
 MOLOPOPHORUS *dalli*. Anderson & Martin. 10285.
 — (?) *howardi*. Dickerson. 10409.
 MUREX *buxtorfi*. Martin. 10561.
 — *deningeri*. Martin. 10561.
 — *puruensis*. Martin. 10561.
 MYOPHORIA *inflata primaeva* mut. n. Kegel. 10516.
 NANGGULANIA *puruensis*. Martin. 10561.
 NANNITES *contractus*. Smith. 10695.
 NASSA *blakei*. Anderson & Martin. 10285.
 — *antiselli*. Anderson & Martin. 10285.
 — *ickei*. Martin. 10561.
 — *lincolnensis*. Anderson & Martin. 10285.
 — *moraniana*. Martin. 10559.
 — *nanggulanensis*. Martin. 10561.
 — *ocoyana*. Anderson & Martin. 10285.
 — *praeambigua*. Brown & Pilsbry. 10340.
 — *spiraliscabra*. Chapman & Gabriel. 10374.
 NATICA *arntzenii*. Martin. 10561.
 — *bolus*. Brown & Pilsbry. 10340.
 — *canalizonalis*. Brown & Pilsbry. 10340.
 — *hannibali*. Dickerson. 10410.
 — *lineata*. Dickerson. 10408.
 — *pinyonensis*. Dickerson. 10409.
 — *sultani*. Martin. 10561.
 — *trisulcata*. Martin. 10561.
 — *wanneri*. Martin. 10561.
 NATICOPSIS *picta*. Girty. 10451.
 NAUTILUS *hallidayi*. Waring. 10739.
 — *klebelsbergi*. Loesch. 10547.
 — *mjatschkowanus*. Loesch. 10547.
 — *rollieri*. Loesch. 10547.
 — *schlosseri*. Loesch. 10547.
 — *schlotheimi*. Loesch. 10547.
 — *stephensoni*. Dickerson. 10408.
 NAUTILUS *stromeri*. Loesch. 10547.
 — *subalbensis*. Sinzow. 10687.
 — *tubingensis*. Loesch. 10547.
 NEARA *mörchi*. Harder. 10469.
 NEOLOBITES *fourtani* n. var. *pervinquieri*. Eck. 10426.
 NERINEA *rochensis*. Maire. 10554.
 NERITA (?) *biangulata*. Dickerson. 10408.
 NEVADITES n. gen. Smith. 10695.
 — *fontanei*. Smith. 10695.
 — *humboldtensis*. Smith. 10695.
 — *merriami*. Smith. 10695.
 — *sinclairi*. Smith. 10695.
 NIKITINOCERAS n. gen. Sokolov. 10700.
 NISO (?) *antiselli*. Anderson & Martin. 10285.
 — *denticulata*. Martin. 10561.
 NUCULA *donaciformis*. Harder. 10469.
 NUCULANA *lccointreae*. Dellfus & Dautzenberg. 10414.
 OCENEBRA *volzi*. Martin. 10561.
 OLCOSTEPHANUS *novosemelicus*. Sokolov. 10700.
 — *sosnovskii*. Sokolov. 10700.
 OLIVELLA *claytonensis*. Dickerson. 10408.
 OMPHALOSAGDA *goldfussi* n. var. *depressa*. Wenz. 10432.
 ONISCIA *antiquissima*. Martin. 10561.
 OPPELIA *alberti*. Douvillé. 10420.
 ORTHOCERAS *rogersensis*. Foerste. 10434.
 ORTHONOTA *costata*. Kegel. 10516.
 OSTREA *buwaldana*. Dickerson. 10408.
 — *papyracca*. Sinzow. 10687.
 — *weaveri*. Dickerson. 10408.
 OVULA *martini*. Dickerson. 10408.
 PACHYCERAS *crassicosatum*. Douvillé. 10418.
 — *crassum*. Douvillé. 10418.
 — *jarryi*. Douvillé. 10418.
 — *lalandei* n. mut. *romani*. Douvillé. 10418.
 — *radiatum*. Douvillé. 10418.
 — *villersensis*. Douvillé. 10418.
 PACHYMYA *austinensis* n. var. *budaensis*. Whitney. 10745.
 PALAEOGLANDINA n. subgen. Wenz. 10432.
 PAPHIA (?) *clarki*. Dickerson. 10408.

- PARANANNITES *oviformis*. Smith. 10695.
 PARTULINA *dwightii occidentalis*. Pilsbry & Cooke var. n. Pilsbry. 10630.
 PECTEN *erslevi*. Harder. 10469.
 — *luna*. Brown & Pilsbry. 10340.
 — *oligolepsis*. Brown & Pilsbry. 10340.
 — *oxygonum canalis* subsp. n. Brown & Pilsbry. 10340.
 — *oxygonum optimum* subsp. n. Brown & Pilsbry. 10340.
 — *reliquus*. Brown & Pilsbry. 10340.
 — *sancti-ludovici*. Anderson & Martin. 10285.
 — *sol*. Brown & Pilsbry. 10340.
 PETRICOLA *millestriata*. Brown & Pilsbry. 10340.
 PHACOIDES *diaboli*. Dickerson. 10408.
 — *muirensis*. Dickerson. 10408.
 — *quadrata*. Dickerson. 10408.
 PHLYSEOGRAMMOCERAS *dominans*. Schirardin. 10669.
 PINNA *barrowsi*. Dickerson. 10408.
 — *lewisi*. Waring. 10739.
 PITARIA *martini*. Dickerson. 10410.
 PLAGIOSTOMA *frauscheri*. Teppner. 10719.
 PLANORBIS *siliceus*. Brown & Pilsbry. 10341.
 PLETHOMYTIUS *taunicus*. Kegel. 10516.
 PLEUROTOMA *carthausi*. Martin. 10561.
 — *dilectoides*. Chapman & Gabriel. 10374.
 — *puruensis*. Martin. 10561.
 — *vaningeni*. Brown & Pilsbry. 10340.
 PLEUROTOMARIA *crecelii*. Kegel. 10516.
 — *delphinuloides bathyschistus* var. n. Frech. 10441.
 POECILOMORPHUS *infernensis*. Roman. 10662.
 POLYGYRA (?) *petrochlora*. Cockerell. 10391.
 POMATIAS *salomoni*. Geyer. 10446.
 POROMYA *gabbiana*. Anderson & Martin. 10285.
 POTAMIDES *jogjacartensis*. Martin. 10561.
 POTERIOCERAS *frechi*. Sobolev. 10699.
 — *guerichi*. Sobolev. 10699.
 — *holzapfeli*. Sobolev. 10699.
 — *triangulare*. Sobolev. 10699.
 — *ventratum*. Sobolev. 10699.
 — *wedekindi*. Sobolev. 10699.
 PRONORITES *reysi*. Dollé. 10412.
 PROTHYRIS *carinata*. Kegel. 10516.
 PROTOZYGA *obsoleta*. Foerste. 10434.
 PSAMMOBIA (?) *cylindrica*. Dickerson. 10408.
 PSEUDOGRAMMOCERAS *barrense*. Schirardin. 10669.
 PSEUDOLEACINA n. subgen. Wenz. 10432.
 PSEUDOLIOCERAS *holzapfeli*. Schirardin. 10669.
 — *ramosum*. Schirardin. 10669.
 PSEUDOLIVA *dilleri*. Dickerson. 10410.
 — *reticulata*. Waring. 10739.
 PSEUDOMONOTIS *superstes* n. f. Spitz. 10702.
 PTYCHITES *evansi*. Smith. 10695.
 — *reticulatus*. Toulou. 10724.
 PYRAMIDELLA *cooperi*. Anderson & Martin. 10285.
 PYRAMIDULA *bohémica*. Wenz. 10432.
 — *ralstonensis*. Cockerell. 10391.
 PYRULA *micronematica*. Brown & Pilsbry. 10340.
 QUENSTEDTICERAS *cadoceratoides*. Douvillé. 10420.
 — *henrici* n. sp. et varr. *brasili*, *praclamberti*. Douvillé. 10418.
 — *pavlovi*. Douvillé. 10418.
 — *praeacordatum*. Douvillé. 10418.
 RECTOGLOMA n. gen. Van Tuyl & Berckhemer. 10732.
 — *problematica*. Van Tuyl & Berckhemer. 10732.
 RHINOCLAVIS *puruensis*. Martin. 10561.
 RICINULA *puruensis*. Martin. 10561.
 — *songoenis*. Martin. 10561.
 RINGICULA *hypograpta*. Brown & Pilsbry. 10340.
 RISSOA *chrysalida*. Chapman & Gabriel. 10374.
 — *gatliffiana*. Chapman & Gabriel. 10374.
 ROXANIA *jogjacartensis*. Martin. 10561.

- SAXIDOMUS (?) *noblei*. Dickerson. 10409.
 SCAPHANDER *ickei*. Martin. 10561.
 SEMELE *morani*. Anderson & Martin. 10285.
 SERAPHS (?) *thompsoni*. Dickerson. 10408.
 SIGARETUS *gabbi*. Brown & Pilsbry. 10340.
 — *nanggulanensis*. Martin. 10561.
 SIPHONALIA *clarki*. Dickerson. 10410.
 — *ickei*. Martin. 10561.
 — *posoensis*. Anderson & Martin. 10285.
 SOLARIUM *puruense*. Martin. 10561.
 — *songoense*. Martin. 10561.
 SPIRIFERINA *Haarmanni*. Haach. 10465.
 SPISULA (?) *weaveri*. Dickerson. 10408.
 SPONDYLUS *cragini*. Whitney. 10745.
 — *scotti*. Brown & Pilsbry. 10340.
 — *texanus*. Whitney. 10745.
 STENOMPHALUS *ornata*. Bucher. 10349.
 STREPSIDURA *nanggulanensis*. Martin. 10561.
 — *songoensis*. Martin. 10561.
 STROBILOPS *fischeri*. Wenz. 10432.
 STROPHOSTOMATIDAE n. fam. Wenz. 10432.
 SULCOACTAEON *grayensis*. Maire. 10554.
 SURCULA *andersoni*. Dickerson. 10408.
 — *arntzenii*. Martin. 10561.
 — *boehmi*. Martin. 10561.
 — *buxtorfi*. Martin. 10561.
 — *deningeri*. Martin. 10561.
 — *fairbanksi*. Dickerson. 10408.
 — *hillegondae*. Martin. 10561.
 — *lepidata*. Martin. 10561.
 — *merriami*. Dickerson. 10408.
 — *mertoni*. Martin. 10561.
 — *mordax*. Martin. 10561.
 — *permodesta*. Martin. 10561.
 — *wanneri*. Martin. 10561.
 TAPES *aksajicus*. Bogačev. 10320.
 — *austiniensis*. Whitney. 10745.
 — *gregarius* n. var. *kobiaki*. Bogačev. 10320.
 TEINOSTOMA *depressula*. Chapman & Gabriel. 10374.
 — *jogjacartense*. Martin. 10561.
 — *pulcherrima*. Chapman & Gabriel. 10374.
 TELLINA *aequiterminata*. Brown & Pilsbry. 10340.
 — *herndonensis*. Dickerson. 10408.
 — *kewi*. Dickerson. 10408.
 — *nevadensis*. Anderson & Martin. 10285.
 — *packardi*. Dickerson. 10408.
 — *perrini*. Dickerson. 10408.
 — *vetula*. Brown & Pilsbry. 10340.
 — *wilsoni*. Anderson & Martin. 10285.
 TEREHELLUM *squamosum*. Martin. 10561.
 TEREBRA *martini*. English. 10429.
 — *nanggulanensis*. Martin. 10561.
 — *profunda*. Chapman & Gabriel. 10374.
 — *puruensis*. Martin. 10561.
 TESTACELLA *sandbergeri*. Wenz. 10432.
 THAIS *blakei*. Anderson & Martin. 10285.
 — *nehalemensis*. Anderson & Martin. 10285.
 — *panzana*. Anderson & Martin. 10285.
 — *trophonoides*. Anderson & Martin. 10285.
 THERSITEA *maroccana*. Savornin. 10668.
 — *thagastensis*. Savornin. 10668.
 — *ventricosa*. Savornin. 10668.
 TIVELA *weaveri*. Dickerson. 10410.
 TORINIA *deningeri*. Martin. 10561.
 TORNOCERAS *dorsoplanum*. Sobolev. 10699.
 TRACHYCERAS *barberi*. Smith. 10695.
 — *drakei*. Smith. 10695.
 — *dunni*. Smith. 10695.
 — *furlongi*. Smith. 10695.
 — *gabbi*. Smith. 10695.
 — *gracile*. Smith. 10695.
 — *lahontanum*. Smith. 10695.
 — *springeri*. Smith. 10695.
 TRANSENNELLA *joaquinensis*. Anderson & Martin. 10285.
 TRITONIDEA *ickei*. Martin. 10561.
 TRITONIUM *buwaldi*. Dickerson. 10408.
 — *martinezensis*. Dickerson. 10408.
 TRITONOFUSUS *fortunasensis*. Martin. 10559.
 — *riversi*. Martin. 10559.
 TROCHOCERAS *yunnanense*. Reed. 10650.

- TROPHON *oregonensis*. Anderson & Martin. 10285.
 TROPIGASTRITES n. gen. Smith. 10695.
 — *lahontanus*. Smith. 10695.
 — *obliterans*. Smith. 10695.
 — *powelli*. Smith. 10695.
 — *rothpletzi*. Smith. 10695.
 — *trojanus*. Smith. 10695.
 TURBINELLA *ilocana*. Smith. 10697.
 TURBONILLA *bartschiana*. Brown & Pilsbry. 10340.
 — *gatinensis*. Brown & Pilsbry. 10340.
 — *weeakensis*. Chapman & Gabriel. 10374.
 TURRILITES *roemeri*. Whitney. 10745.
 TURRIS (?) *agusana*. Smith. 10697.
 — *andaensis*. Smith. 10697.
 — *carlsoni*. Anderson & Martin. 10285.
 — *elsmerensis*. English. 10429.
 — *fernandoensis*. English. 10429.
 — *lincolnsis*. Anderson & Martin. 10285.
 — *louderbacki*. Dickerson. 10408.
 TURRITELLA *carrisaensis*. Anderson & Martin. 10285.
 — *clarki*. Dickerson. 10408.
 — *maccreadyi*. Waring. 10739.
 TYLOSTOMA *harrisi*. Whitney. 10745.
 — *hilli*. Whitney. 1045.
 UNIO *emersoni*. Troxell. 10726.
 — *wasatchensis*. Cockerell. 10391.
 VANIKORAIJA *javana*. Martin. 10561.
 VELATES *rotundatus*. Martin. 10561.
 VENERICARDIA *planicosta merriami*. subsp. n. Dickerson. 10410.
 VENTRICULIDAE n. fam. Wenz. 10432.
 VENTRICULUS n. gen. Wenz. 10432.
 VERTIGO *trolli*. Wenz. 10432.
 VITRINELLA *shimeri*. Clapp. 10381.
 VOLUTILITHES *austinensis*. Whitney. 10745.
 — *ickei*. Martin. 10561.
 VOLUTOPSIS *eurekaensis*. Martin. 10559.
 VOLVUELLA *micratracta*. Brown & Pilsbry. 10340.
 VULSELLA *woodi*. Teppner. 10719.
 XENODISCUS *multicameratus*. Smith. 10695.
 YOLDIA *gesteri*. Dickerson. 10408.
 — *newcombi*. Anderson & Martin. 10285.
 — *powersi*. Dickerson. 10408.
 — *temblorensis*. Anderson & Martin. 10285.
 2431 ARTHROPODA, INCLUDING INSECTA.
 ACANTHODERES *lengii*. Wickham. 10747.
 ACTINOBLATTA n. gen. Pruvost. 10639.
 — *bucheti*. Pruvost. 10639.
 AGRILUS *praepolitus*. Wickham. 10746.
 ALOMATIA n. gen. Cockerell. 10390.
 — *fusca*. Cockerell. 10390.
 AMPHICERUS *sublaevis*. Wickham. 10746.
 ANOMALA *exterranea*. Wickham. 10746.
 — *scudderi*. Wickham. 10746.
 APHODIUS *inundatus*. Wickham. 10747.
 — *mediaevus*. Wickham. 10746.
 — *senex*. Wickham. 10746.
 ARCHIMYLACRIS *simoni*. Pruvost. 10639.
 BIDESSUS *laminarum*. Wickham. 10746.
 BRUCHUS *aboriginalis*. Wickham. 10746.
 — *carpophiloides*. Wickham. 10746.
 — *primiticus*. Wickham. 10746.
 — *submersus*. Wickham. 10746.
 BUPRESTIS *florissantensis*. Wickham. 10746.
 — *scudderi*. Wickham. 10746.
 CANTHARIS *lithophilus*. Wickham. 10746.
 CHELONARIUM *montanum*. Wickham. 10746.
 CHRYSOBOTHRIS *coloradensis*. Wickham. 10746.
 — *suppressa*. Wickham. 10746.
 CISTELA *vulcanica*. Wickham. 10746.
 CLIMACONEURA *reumauxi*. Pruvost. 10639.
 CLYTUS *florissantensis*. Wickham. 10746.
 COCCINELLA *florissantensis*. Wickham. 10746.
 COLASPIS *diluvialis*. Wickham. 10746.
 — *proserpina*. Wickham. 10746.

- COLLOPS *desuetus*. Wickham. 10746.
 — *extrusus*. Wickham. 10746.
 — *priscus*. Wickham. 10746.
 COPIDITA *miocenica*. Wickham. 10746.
 CORPHYRA *calypso*. Wickham. 10746.
 CORTICARIA *aeterna*. Wickham. 10747.
 — *egregia*. Wickham. 10746.
 — *occlusa*. Wickham. 10746.
 CRYPTOCEILUS *hypogaeus*. Cockerell. 10390.
 CRYPTOPHAGUS *scudderi*. Wickham. 10746.
 CYPHUS *florissantensis*. Wickham. 10746.
 DIABROTICA *bowditchiana*. Wickham. 10746.
 — *florissantella*. Wickham. 10746.
 — *uteana*. Wickham. 10746.
 DICERCA *eurydice*. Wickham. 10746.
 ELAPHIDION *extinctum*. Wickham. 10746.
 ENOCLERUS *florissantensis*. Wickham. 10746.
 — *pristinus*. Wickham. 10746.
 EPICAUTA *subneglecta*. Wickham. 10746.
 ERNOBIUS *effectus*. Wickham. 10746.
 ETOBLATTINA *henneni*. Meunier. 10578.
 EUCNEMIS *antiquatus*. Wickham. 10746.
 GASTRALLANOBIUM n. gen. Wickham. 10747.
 — *subconfusum*. Wickham. 10747.
 GAUROTUS *striatopunctatus*. Wickham. 10746.
 GERONITES n. gen. Cockerell. 10392.
 — *stigmatis*. Cockerell. 10392.
 HALTICA *renovata*. Wickham. 10746.
 HOPLIA *striatipennis*. Wickham. 10746.
 HYDROPHORUS *sedimentorum*. Wickham. 10746.
 HYLOTRUPES *puncticollis*. Wickham. 10747.
 HYMENORUS *haydeni*. Wickham. 10746.
 ISOMIRA *aurora*. Wickham. 10747.
 — *florissantensis*. Wickham. 10746.
 LEMA *fortior*. Wickham. 10746.
 — *lesquereuxi*. Wickham. 10747.
 LEPTOSTYLUS *scudderi*. Wickham. 10746.
 LEPTURA *ingenua*. Wickham. 10746.
 — *nanella*. Wickham. 10746.
 LIGYRUS *effetus*. Wickham. 10746.
 LISTROCHELUS *puerilis*. Wickham. 10746.
 LITHOCORYNE *coloradensis*. Wickham. 10747.
 LITHOMACRATRIA n. gen. Wickham. 10746.
 — *mirabilis*. Wickham. 10746.
 LUPERODES *submonilis*. Wickham. 10747.
 MELANOPHILA *heeri*. Wickham. 10747.
 MIOCAENIA n. gen. Wickham. 10746.
 — *pectinicornis*. Wickham. 10746.
 MIOCYPHON n. gen. Wickham. 10746.
 — *punctulatus*. Wickham. 10746.
 MIOLACHNOSTERNA n. gen. Wickham. 10746.
 — *tristoides*. Wickham. 10746.
 MORDELLA *stygia*. Wickham. 10746.
 MORDELLISTENA *nearctica*. Wickham. 10747.
 — *protogaea*. Wickham. 10747.
 — *scudderiana*. Wickham. 10747.
 NECROBIA *divinatoria*. Wickham. 10746.
 — *sibylla*. Wickham. 10747.
 NECMYLACRIS *godoni*. Pruvost. 10639.
 — *lafittei*. Pruvost. 10639.
 — *villeti*. Pruvost. 10639.
 ODONTOTA *americana*. Wickham. 10746.
 OLIGOMERUS *duratus*. Wickham. 10746.
 — *florissantensis*. Wickham. 10746.
 OXYOMUS *nearcticus*. Wickham. 10746.
 PACTOPUS *americanus*. Wickham. 10747.
 PALAEOCHRYSA *fracta*. Cockerell. 10390.
 — *wickhami*. Cockerell. 10390.
 PALAEOEDISCHIA n. gen. Meunier. 10576.
 — *bouleii*. Meunier. 10576.
 PALAEOSMODICUM n. gen. Wickham. 10747.
 — *hamiltoni*. Wickham. 10747.
 PALAEODEMERA n. gen. Wickham. 10746.
 — *crassipes*. Wickham. 10746.

- PHRYGANEA *wickhami*. Cockerell. 10390.
 PHYLOBLATTA *cuvettki*. Pruvost. 10639.
 — *humenryi*. Pruvost. 10639.
 — *morini*. Pruvost. 10639.
 PHYMATODES *miocenicus*. Wickham. 10746.
 PLECTROTETROPHANES n. gen. Wickham. 10746.
 — *hugeni*. Wickham. 10746.
 PODABRUS *florissantensis*. Wickham. 10746.
 — *fragmentatus*. Wickham. 10746.
 POLEMUS *crassicornis*. Wickham. 10746.
 PROCHÆTOCNEMA n. gen. Wickham. 10746.
 — *florissantella*. Wickham. 10746.
 PROTACNÆUS n. gen. Wickham. 10746.
 — *tenuicornis*. Wickham. 10746.
 PROTELEATES n. gen. Wickham. 10747.
 — *centralis*. Wickham. 10747.
 PROTIPOCHUS n. gen. Wickham. 10746.
 — *vandykei*. Wickham. 10746.
 PROTOLOMATIA n. gen. Cockerell. 10390.
 — *antiqua*. Cockerell. 10390.
 PROTOPHTHIRIA n. gen. Cockerell. 10390.
 — *palpalis*. Cockerell. 10390.
 PROTOPLATYCERA n. gen. Wickham. 10746.
 — *laticornis*. Wickham. 10746.
 PTOSIMA *silvatica*. Wickham. 10746.
 RAPIDIA *pulveris*. Cockerell. 10390.
 RHAGODERIDEA n. gen. Wickham. 10746.
 — *striata*. Wickham. 10746.
 ROOMERIA n. gen. Meunier. 10578.
 — *carbonaria*. Meunier. 10578.
 SCAPTOLENOPSIS n. gen. Wickham. 10747.
 — *wilmattae*. Wickham. 10747.
 SERICA *cockerelli*. Wickham. 10747.
 SILPHA *beutenmuelleri*. Wickham. 10746.
 SPERMOPHAGUS *pluto*. Wickham. 10746.
 STENODICTYA *vaseuri*. Meunier. 10577.
 STENOMYLACRIS *montagnei*. Pruvost. 10639.
 STENOSPHEENUS *pristinus*. Wickham. 10746.
 STRATEGUS *cessatus*. Wickham. 10746.
 TELEPHORUS *hesperus*. Wickham. 10746.
 TETRAONYX *minuscula*. Wickham. 10746.
 TINGIS *florissantensis*. Cockerell. 10390.
 TOMOXIA *inundata*. Wickham. 10746.
 TRIRHABDA *majuscula*. Wickham. 10746.
 — *megacephala*. Wickham. 10746.
 — *sepulta*. Wickham. 10746.
 TRITOMA *diluviana*. Wickham. 10746.
 ULUS *minutus*. Wickham. 10747.
- 2631 CRUSTACEA.
 BAIRDIA *australis*. Chapman. 10371.
 BEYRICHTIA *nassoviensis*. Kegel. 10516.
 BYTHOCYPRIS *tumefacta*. Chapman. 10371.
 CALLIANASSA *scotti*. Brown & Pilsbry. 10340.
 CALYMENE *unicornis*. Reed. 10650.
 CYTHERE *postdeclivis*. Chapman. 10371.
 — *flexicostata*. Chapman. 10371.
 CYTHERELLA *auriculus*. Chapman. 10371.
 — *subtruncata*. Chapman. 10371.
 CYTHEROPTERON *postumbonatum*. Chapman. 10371.
 — *præantarticum*. Chapman. 10371.
 — *reticosum*. Chapman. 10371.
 — *rostratum*. Chapman. 10371.
 CYTHERURA *capillifera*. Chapman. 10371.
 — *ouyenensis*. Chapman. 10371.
 EURYPTERUS *nebraskensis*. Barbour. 10293.
 EUTHYCARINUS n. gen. Handlirsch. 10468.
 ILLÆNUS *caecoides*. Reed. 10650.
 KLÆDENIA *kayseri*. Kegel. 10516.
 KRITHE *eggeri*. Chapman. 10371.
 OGYGITES *yunnanensis*. Reed. 10650.
 SCALPELLUM *subquadratum*. Chapman. 10371.
 — *avinionense*. Jolland. 10504.

2831 XIPHOSURA, EURIPTERIDA, TRILOBITA.

- ACIDASPIS kashmirica*. Reed. 10650.
CALVINELLA n. gen. Walcott. 10736.
 — *ozarkensis*. Walcott. 10736.
 — *tenuisculpta*. Walcott. 10736.
CRYPHEUS intermedius. Kegel. 10516.
 — *richteri*. Kegel. 10516.
CYPHASPIS ceratophthalmoides. Richter. 10659.
 — *stigmatophthalmus*. Richter. 10659.
DIKELOCEPHALUS dalyi. Walcott. 10736.
 — *texanus*. Walcott. 10736.
 — *vanhornei*. Walcott. 10736.
HOMALONOTUS vanuxemi-major per-ceensis var. n. Clarke. 10386.
OSCEOLIA n. gen. Walcott. 10736.
PARADOXIDES harvardi. Raymond. 10647.
PROETUS conicus. Grabau. 10456.
SAUKIA n. gen. Walcott. 10736.
 — *coloradoensis*. Walcott. 10736.
 — *fallax*. Walcott. 10736.
 — *junia*. Walcott. 10736.
 — *leucosia*. Walcott. 10736.
 — *pyrene*. Walcott. 10736.
 — *rustica*. Walcott. 10736.
 — *stosei*. Walcott. 10736.
 — *wardi*. Walcott. 10736.
TSINANIA n. gen. Walcott. 10737.

5431 PISCES.

- CERATODUS wollastoni*. Chapman. 10370.
LEPIDOTUS manni. Mann & Hennig. 10557.
MACHÆRACANTHUS kayseri. Kegel. 10516.
METACERATODUS n. subg. Chapman. 10370.
OTOLITHUS bambergi. Priem. 10636.
 — *elongatus*. Priem. 10636.
 — *rectus*. Priem. 10636.
 — *simplex*. Priem. 10636.
STROPHODUS shastensis. Bryant. 10348.

5631 REPTILIA AND BATRACHIA.

- ANGISTORHINUS* n. gen. Mehl. 10565.
 — *grandis*. Mehl. 10565.
ARRIBASAURUS n. gen. Williston. 10761.
BOLOSAAURUS major. Broom. 10334.
BRACHYCERATOPS n. gen. Gilmore. 10449.
 — *montanensis*. Gilmore. 10449.
BROILLIELLUS n. gen. Williston. 10759.
 — *texensis*. Williston. 10759.
CHENOPROSOPUS n. gen. Mehl. 10566.
 — *milleri*. Mehl. 10566.
CORYTHOSAURUS n. gen. Brown. 10347.
 — *casuarius*. Brown. 10347.
DICYNODON ictidops. Broom. 10330.
 — *leontops*. Broom. 10330.
 — *lissops*. Broom. 10330.
 — *moschops*. Broom. 10330.
 — *planus*. Broom. 10330.
 — *platyceps*. Broom. 10330.
 — *tylorhinus*. Broom. 10330.
 — *whaitsi*. Broom. 10330.
DICTODON n. gen. Broom. 10330.
 — *galeops*. Broom. 10330.
EDAPHOSAURUS novomexicanus. Williston & Case. 10766.
EMYDOPS longiceps. Broom. 10330.
EMYDORHYNCHUS n. gen. Broom. 10330.
 — *palustris*. Broom. 10330.
EOCYCLOPS n. gen. Broom. 10330.
 — *longus*. Broom. 10330.
ERYOPS anatinus. Broom. 10335.
HOMEOSAURUS digitatellus. Grier. 10461.
HYPACROSAAURUS n. gen. Brown. 10343.
 — *altispinus*. Brown. 10343.
LEUROSPONDYLUS n. gen. Brown. 10344.
 — *ultimus*. Brown. 10344.
MONOCLONIUS flexus. Brown. 10346.
MURAEOSAURUS (?) *reedii*. Mehl. 10564.
OPHIOIDEIRUS n. gen. Broom. 10334.
 — *casei*. Broom. 10334.
OSTODOLEPIS n. gen. Williston. 10757.
 — *brevispinatus*. Williston. 10757.
PLATEOSAURUS trossingensis. Fraas. 10438.

- ANCHICERATOPS* n. gen. Brown. 10345.
 — *ornatus*. Brown. 10345.

- PROCOMPSONGNATHUS n. gen. Fraas. 10438.
 — *triassicus*. Fraas. 10438.
 SCOLIOMUS n. gen. Williston and Case. 10765.
 — *puercensis*. Williston & Case. 10765.
 STEGOSAURUS *longispinus*. Gilmore. 10450.
 THECODONTOSAURUS *diagnosticus*. Fraas. 10438.
 TRICHASAURUS n. nom. Williston. 10757.
 TRIMERORHACHIS *medius*. Broom. 10335.
5831 AVES.
 AQUILA *antiqua*. Shufeldt. 10684.
 — *ferox*. Shufeldt. 10684.
 — *lydekkeri*. Shufeldt. 10684.
 DIATRYMA *ajax*. Shufeldt. 10684.
 PALÆOPHASIANUS n. gen. Shufeldt. 10684.
 — *meleagroides*. Shufeldt. 10684.
 PROICTINIA n. gen. Shufeldt. 10684.
 — *gilmorei*. Shufeldt. 10684.
6031 MAMMALIA.
 AMPHICYON *shahbazi*. Pilgrim. 10626.
 BUNOPHORUS n. gen. Sinclair. 10686.
 — *macropternus*. Sinclair. 10686.
 CAPRA *kuenssbergi*. Freudenberg. 10442.
 — *stehlini*. Freudenberg. 10442.
 CERVAVITUS n. gen. Chomenko. 10378.
 — *tarakliensis*. Chomenko. 10378.
 CERVOCERUS n. gen. Chomenko. 10378.
 — *novorossiae*. Chomenko. 10378.
 CIRCOTHERIUM n. gen. Holland & Peterson. 10481.
 DAMACERUS n. gen. Chomenko. 10378.
 — *bessarabiae*. Chomenko. 10378.
 DELPHINAVUS n. gen. Lull. 10553.
 — *newhalli*. Lull. 10553.
 DIACODEXIS *olseni*. Sinclair. 10686.
 — *robustus*. Sinclair. 10686.
 DIPLOCERAS n. gen. Peterson. 10619.
 — *osborni*. Peterson. 10619.
 EOMOROPUS n. gen. Osborn. 10606.
 EOTITANOPS *gregoryi*. Osborn. 10607.
 — *major*. Osborn. 10607.
 — *princeps*. Osborn. 10607.
 EOTITANOTHERIUM n. nom. Peterson. 10624.
 HELOHYUS *milleri*. Sinclair. 10686.
 HEMITRAGUS *bonali*. Harli & Stehlin. 10472.
 HETEROTITANOPS n. gen. Peterson. 10620.
 — *parvus*. Peterson. 10620.
 INDARCTOS n. gen. Pilgrim. 10625.
 — *salmontanus*. Pilgrim. 10625.
 LAMBDOOTHERIUM *priscum*. Osborn. 10607.
 LOPHIOHYUS n. gen. Sinclair. 10686.
 — *alticeps*. Sinclair. 10686.
 MACROTHERIINÆ n. subfam. Holland & Peterson. 10481.
 MASTODON *hasnoti*. Pilgrim. 10625.
 — *stegodontoides*. Pilgrim. 10625.
 MONOPODINÆ n. subfam. Holland & Peterson. 10481.
 MOROPUS *matthewi*. Holland & Peterson. 10481.
 — *maximus*. Holland & Peterson. 10481.
 — *merriami*. Holland & Peterson. 10481.
 OVIS *toulai*. Freudenberg. 10442.
 PARAMACHÆRODUS n. gen. Pilgrim. 10625.
 PLIOCERVINÆ n. subfam. Chomenko. 10378.
 PROCOBUS n. gen. Chomenko. 10378.
 — *brauneri*. Chomenko. 10378.
 — *melania*. Chomenko. 10378.
 PROGENETTA n. gen. Pilgrim. 10625.
 PROLEPTOBOS n. gen. Pilgrim. 10625.
 — *birmanicus*. Pilgrim. 10625.
 RHINOCEROS *etruscus heidelbergensis* n. subsp. Freudenberg. 10442.
 SCHIZOTHERIINÆ n. subfam. Holland & Peterson. 10481.
 SIVÆLURUS n. gen. Pilgrim. 10625.
 — *chinjiensis*. Pilgrim. 10625.
 TETRAELEDON *corrugatus*. Pilgrim. 10625.
 — *macrognathus*. Pilgrim. 10625.
 TRAGOCERUS *validus*. Chomenko. 10378.
 WASATCHIA n. gen. Sinclair. 10686.
 — *dorseyana*. Sinclair. 10686.
 — *grangeri*. Sinclair. 10686.
 — *lysitensis*. Sinclair. 10686.

PALAEOBOTANY.

A. STRATIGRAPHICAL CLASSIFICATION.

38 FOSSILS OF DOUBTFUL
STRATIGRAPHICAL POSI-
TION.38.5000 PALAEOBOTANICA
GENERALIS.

Das Pflanzenreich. Regni vegetabilis conspectus. Im Auftrage der Königl. Preuss. Akademie der Wissenschaften hrsg. v. A[dolf] Engler. H. 58 (IV. 147). H. 59 (IV. 251). H. 60 (IV. 23 Db.). H. 61 (IV. 228). Leipzig (W. Engelmann), 1913, (97; II+210; II+143; II+305.). 26 cm. 5 M. 10,60 M. 7,30 M. 15,80 M.

33.5400 DICOTYLEDONES.

Nagel. 10587. Familie der Juglandaceen.

38.6700 PTERIDOPHYTA.

Derby. 10407. Stem structure of *Psaronius brasiliensis*.

39 GENERAL.

39.5000 PALAEOBOTANICA
GENERALIS.

Brockmann-Jerosch. 10326. Zwei Grundfragen der Paläophytogeographie.

Jongmans. 10508. Palaeobotanik.

Kupart. 10533. Bemerkungen zur Pseudanthien- und Strobilustheorie.

Pagès. 10613. Géologie du canton de Saint-Gervais-sur-Mare (Hérault).

g NORTH AMERICA.

gh South Eastern United States.

White. 10743. The fossil flora of West Virginia.

i AUSTRALIA.

Chapman. 10373. Australasian fossils.

39.6500 GYMNOSPERMEAE.

Wieland. 10753. American fossil cycads.

39.6600 CYCADOFILICES.

Potonié. 10635. Blatt-Epidermen einiger fossilen „Pteridospermen“.

45 PALAEOZOIC (GENERAL).

39.7400 ALGAE ET SCHIZO-
PHYCEAE.

e ASIA.

eb China and Dependencies.

Yabe. 10772. Gesteinsbildende Kalkalgen von Japan und China.

50 LOWER PALAEOZOIC.

50.7400 ALGAE ET SCHIZO-
PHYCEAE.

g NORTH AMERICA.

gi Western United States.

Walcott. 10736. Pre-Cambrian Algonkian algal flora.

55 UPPER PALAEOZOIC.

55.5000 PALAEOBOTANICA
GENERALIS.

Carpentier. 10358. Empreintes végétales et remarques sur la faune du calcaire de Bachant.

d EUROPE.

df France and Corsica.

Bézier. 10314. L'existence d'une florule carbonifère (westphalienne ?) à Melesse (Ille-et-Vilaine).

di Switzerland.

Murr. 10586. Urgebirgsflora auf der älteren Kreide. Eine Studie aus dem österreichischschweizerischen Grenzgebiete.

dk **Austria-Hungary.**

Murr. 10586. Urgebirgsflora auf der älteren Kreide. Eine Studie aus dem österreichisch-schweizerischen Grenzgebiete.

g **NORTH AMERICA.***gg* **North Eastern United States.**

Grier. 10462. Fossil plants occurring in the roof of the Pittsburgh coal.

gh **South Eastern United States.**

White. 10743. The fossil flora of West Virginia.

55.5400 DICOTYLEDONES.

Wilson. 10769. Palaeontological work in Southern New Brunswick [Canada].

55.6500 GYMNOSPERMEAE.*e* **ASIA.***eb* **China and Dependencies.**

Smirnov. 10688. Eine oberpalaeozoische Flora aus der Mongolei. (Russ. mit deutsch. Rés.)

ef **British India.**

Seward. 10679. Gymnospermeae from the Golabgash Pass, Kashmir.

g **NORTH AMERICA.***gg* **North Eastern United States.**

Elkins and Wieland. 10427. Cordaitan wood from the Indiana Black shale.

55.6600 CYCADOFILICES.

Carpentier. 10359. Des empreintes de *Whittleseya* (?) *fertilis* Kidston trouvées dans le houiller du nord de la France.

Gordon. 10454. On *Rhetinangium arberi*, a new genus of cycadofilices from the calciferous sandstone series.

Kidston and Gwynne - Vaughan. 10518. On the carboniferous flora of Berwickshire. Part I. *Stenomyelon tud-dianum* Kidston.

Kubart. 10532. Die Cycadofiliceen *Heterangium* und *Lyginodendron* aus dem Ostrauer Kohlenbeckens.

55.6700 PTERIDOPHYTA.

Bertrand. 10311. Relations des empreintes de *Corynopteris* avec les *Zyopteris* à structure conservée.

Johnson. 10503. *Forbesia cancellata* gen. et sp. nov. [*Sphenopteris*, sp., Bailly].

Lignier. 10543. Différenciation des tissus dans le bourgeon végétatif du *Cordaites lingulatus* B. Ren.

Pelourde. 10617. Remarques sur la trace foliaire des Psaroniées.

Zeiller. 10779. Rapport sur les travaux de F. Pelourde.

d **EUROPE.***de* **German Empire.**

Jongmans und Kukuk. 10509. Calamariaceen des Rheinisch-Westfälischen Kohlenbeckens.

de **Great Britain.**

Gordon. 10453. On *Lepidophloios scotti* (A new species from the calciferous sandstone series at Pettycur, Fife-).

df **FRANCE.**

Bertrand. 10310. Sur un échantillon fructifié de *Pecopteris* du terrain houiller d'Anzin.

e **ASIA.***eab* **East Siberia.**

Smirnov. 10689. Pflanzenreste aus der Ursa-Stufe des Flusses Ulu-Kem. (Russ. mit deutsch. Rés.)

eb **China and Dependencies.**

Smirnov. 10688. Eine oberpalaeozoische Flora aus der Mongolei. (Russ. mit deutsch. Rés.)

ef **British India.**

Seward. 10679. Lower Gondwana Pteridophyta from the Golabgash Pass, Kashmir.

f **AFRICA.***ff* **East Africa.**

Brehmer. 10325. Eine *Glossopteris*-flora am Ulugurugebirge (Deutsch-Ostafrika).

g NORTH AMERICA.**gdn New Brunswick.**

Wilson. 10767. Summary report dealing with the field work in connection with the collection of palæontological material from the Devonian and lower Carboniferous of New Brunswick.

Wilson. 10768. Palæontological material from the Devonian and Carboniferous of Southern New Brunswick.

i AUSTRALIA.**if Victoria.**

Chapman. 10368. The precise locality of the type specimen of *Lepidodendron australe* McCoy.

60 MESOZOIC (GENERAL).**60.5000 PALAEOBOTANICA GENERALIS.****d EUROPE.****dbe Ural.**

Krištofović. 10529. Mesozoic plant remains from the Eastern Ural.

65 TRIASSIC.**65.6500 GYMNOSPERMEAE.**

Wieland 10751. On the Williamsonian tribe.

——— 10752. Recent contributions on cycadophytans.

70 JURASSIC.**70.5000 PALAEOBOTANICA GENERALIS.****d EUROPE.****dbb Southern Russia.**

Krištofović. 10539. Die Pflanzenreste aus den Jura-Ablagerungen der Krym. (Russ.)

e ASIA.**eb China.**

Pelourde. 10618. Végétaux fossiles du sud-ouest de la Chine, rapportés par Legendre.

70.6500 GYMNOSPERMEAE.

Seward. 10677. The jurassic flora of Sutherland.

Seward and Bancroft. 10680. Jurassic plants from Cromarty and Sutherland, Scotland.

g NORTH AMERICA.**ga Alaska and Aleutian Islands.**

Knowlton. 10522. The Jurassic flora of Cape Lisburne, Alaska.

70.6700 PTERIDOPHYTA.**d EUROPE.****de Germany.**

Horn. 10482. *Sagenopteris caldonica* n. sp. aus einem Callovien-Geschiebe Ostpreussens.

de Great Britain.

Seward. 10677. The jurassic flora of Sutherland.

Seward and Bancroft. 10680. Jurassic plants from Cromarty and Sutherland, Scotland.

g NORTH AMERICA.**ga Alaska and Aleutian Islands.**

Knowlton. 10522. The jurassic flora of Cape Lisburne, Alaska.

70.7400 ALGAE ET SCHIZOPHYCEAE.**d EUROPE.****df France.**

Cayeux. 10365. Existence de nombreuses traces d'algues perforantes dans les minerais de fer oolithique de France.

e ASIA.**ec Japanese Islands.**

Yabe. 10772. Gesteinsbildende Kalkalgen von Japan und China.

70.7700 FUNGI, BACTERIA, ET MYCETOZOA.**d EUROPE.****de Great Britain.**

Ellis. 10428. Fossil micro-organisms from the Jurassic and Cretaceous rock of Great Britain.

75 CRETACEOUS.

75.5000 PALAEOBOTANICA
GENERALIS.*g* NORTH AMERICA.*gi* Western United States.*gh* South-Eastern United States
East of Mississippi.

Berry. 10303. Mesozoic flora of the Atlantic coastal plain, 10. Maryland.

—— 10308. Upper Cretaceous and Eocene floras of South Carolina and Georgia.

75.6000 MONOCOTYLEDONES.

Cockerell. 10393. Two new plants from the Tertiary rocks of the west.

75.6500 GYMNOSPERMEAE.

e ASIA.*ec* Japanese Islands.

Yabe. 10773. Mesozoische Pflanzen von Omoto.

g NORTH AMERICA.*gg* North Eastern United States.

Holden. 10479. Cretaceous *Pityoxyla* from Cliffwood, New Jersey.

—— 10480. Cretaceous lignites from Cliffwood, New Jersey.

h SOUTH AMERICA.*hf* Peru.

Zeiller. 10780. Sur quelques plantes wéaldiennes recueillies au Pérou par M. le capitaine Berthon.

75.6700 PTERIDOPHYTA.

e ASIA.*ec* Japanese Islands.

Yabe. 10773. Mesozoische Pflanzen von Omoto.

h SOUTH AMERICA.*hf* Peru.

Zeiller. 10780. Sur quelques plantes wéaldiennes recueillies au Pérou par M. le capitaine Berthon.

5.7400 ALGAE ET
SCHIZOPHYCEAE.*e* ASIA.*ec* Japanese Islands.

Yabe. 10772. Gesteinsbildende Kalkalgen von Japan und China.

75.7700 FUNGI, BACTERIA, ET
MYCETOZOA.*d* EUROPE.*de* Great Britain.

Ellis. 10428. Fossil micro-organisms from the Jurassic and Cretaceous rock of Great Britain.

80 CAENOZOIC (TERTIARY)
(GENERAL.)80.5000 PALAEOBOTANICA
GENERALIS.*g* NORTH AMERICA.*gf* United States as a whole.

Berry. 10299. Tertiary floras of the Atlantic and Gulf coastal plain.

80.5400 DICOTYLEDONES.

e ASIA.*ef* British India.

Seward. 10678. Dicotyledonous leaves from the coal measures of Assam.

g NORTH AMERICA.*gh* South Eastern United States.

Berry. 10306. Two new Tertiary species of *Trapa*.

gi Western United States.

Cockerell. 10393. Two new plants from the Tertiary rocks of the west.

80.6500 GYMNOSPERMEAE.

i AUSTRALIA.*ii* Tasmania.

Stephens. 10706. A fossil tree in drift on north-west coast of Tasmania.

85 LOWER CAENOZOIC.

85.5000 PALAEOBOTANICA
GENERALIS.

Fritel. 10443. Vue d'ensemble sur la flore thanétienne.

g NORTH AMERICA.**gh South-Eastern United States.**

Berry. 10304. The affinities and distribution of the Lower Eocene flora of south-eastern North America.

——— 10308. Upper Cretaceous and Eocene floras of South Carolina and Georgia.

gi Western United States.

Peale. 10614. On the stratigraphic position and age of the Judith river formation. [Formerly supposed to be Cretaceous.]

85.5400 DICOTYLEDONES.**h CENTRAL AND SOUTH AMERICA.****hb Central America.**

Berry. 10305. Fossil plants in the Panama canal zone.

85.6000 MONOCOTYLEDONES.**g NORTH AMERICA.****gh South-Eastern United States.**

Berry. 10301. A Nipa-palm [*Nipa-dites Burtini umbonatus*] in the North American Eocene.

gi Western United States.

Berry. 10302. Fruits of a date palm in the Tertiary deposits of eastern Texas.

85.7700 FUNGI, BACTERIA, ET MYCETOZOA.**d EUROPE.****dl Balkan Peninsula.**

Bertrand. 10309. Premières observations sur le schiste paraffineux d'Alexinatz (Serbie).

90 UPPER CAENOZOIC**90.5000 PALAEOBOTANICA GENERALIS.****d EUROPE.****dc German Empire.**

Fliegel u. Stoller. 10433. Jungtertiäre und altdiluviale pflanzenführende Ablagerungen im Niederrheingebiet.

Jentzsch. 10591. Der Posener Ton und die Lagerstätte der Flora von Moltkegrube.

(K-5109)

Menzel. 10571. Pflanzenreste aus dem Posener Ton.

——— 10572. Flora der Niederrheinischen Braunkohlen-Formation.

e ASIA.**ea East Siberia.**

Konstantov. 10523. Ueber einige Vertreter der Flora aus miozänen Schichten am Unterlauf des Flusses Bureja. (Russ. mit deutsch. Rés.)

g NORTH AMERICA.**gi Western United States.**

Cockerell. 10389. The fauna of the Florissant (Colorado) shales.

90.5400 DICOTYLEDONES.**d EUROPE.****dbd Caucasus.**

Bogačev. 10319. La faune des dépôts salifères de la Transcaucasie. (Russe av. rés. fr.)

90.6000 MONOCOTYLEDONES.**g NORTH AMERICA.****gi Western United States.**

Cockerell. 10393. Two new plants from the Tertiary rocks of the west.

90.7900 PLANTAE INCERTAE SEDIS.**g NORTH AMERICA.****gi Western United States.**

Cockerell. 10389. The fauna of the Florissant (Colorado) shales.

95 PLEISTOCENE AND RECENT.**95.5000 PALAEOBOTANICA GENERALIS.****d EUROPE.****dba Northern Russia.**

Lindberg. L'exploration d'une tourbière à Kyrkslätt, Finlande. (Suédois.)

——— 10545. Phytopaläontologisches aus Raseborg, Finland. (Schwedisch.)

Malm und Rancken. 10555. Moore in Finland. (Schwedisch.)

de Germany.

Beyle. 10312. Ueber einige Ablagerungen fossiler Pflanzen der Hamburger Gegend.

Fliegel und Stoller. 10433. Jungtertiäre und altdiluviale pflanzenführende Ablagerungen im Niederrheingebiet.

Weber. 10740. Die Mammuthflora von Borna.

de Scotland.

Lewis. 10541. The plant remains in the Scottish peat mosses.

g NORTH AMERICA.**gh South-Eastern United States.**

White. 10743. The fossil flora of West Virginia.

95.5400 DICOTYLEDONES.**g NORTH AMERICA.****gh South-Eastern United States.**

Berry. 10300. Pleistocene plants from the Blue Ridge in Virginia.

——— 10307. Pleistocene flora of the southern states.

i AUSTRALIA.**if Victoria.**

Chapman. 10372. An impression of fruit of *Casuarina* in the newer basalt.

95.6000 MONOCOTYLEDONES.**g NORTH AMERICA.****gh Mississippi River System as a whole.**

Berry. 10307. Pleistocene flora of the southern states.

95.6500 GYMNOSPERMEAE.**g NORTH AMERICA.****gh South-Eastern United States**

Berry. 10300. Pleistocene plants from the Blue Ridge in Virginia.

95.7400 ALGAE ET SCHIZOPHYCEAE.**d EUROPE.****dbc Ural.**

Jakovlev. 10499. *Laminarites antiquissimus* Eichw.

PALAEOBOTANY.

B. BOTANICAL CLASSIFICATION.

5000 PALAEOBOTANICA
GENERALIS.5000.38 FOSSILS OF DOUBTFUL
STRATIGRAPHICAL
POSITION.

Das Pflanzenreich. Regni vegetabilis conspectus. Im Auftrage der Königl. Preuss. Akademie der Wissenschaften hrsg. v. A[dolf] Engler. H. 58 (IV. 147). H. 59 (IV. 251). H. 60 (IV. 23 Db.). H. 61 (IV. 228). Leipzig (W. Engelmann) 1913 (97; II + 210; II + 143; II + 305). 26 cm. 5 M. 10.60 M. 7.30 M. 15.80 M.

5000.39 GENERAL.

Brockmann-Jerosch. 10326. Zwei Grundfragen der Paläophytogeographie.

Chapman. 10373. Australasian fossils.

Jongmans. 10508. Palaeobotanik.

Knowlton. 10521. The relations of palaeobotany to geology.

Kubart. 10533. Bemerkungen zur Pseudanthien- und Strobilustheorie.

Pagès. 10613. Géologie du canton de Saint-Gervais-sur-Mare (Hérault.)

White. 10743. The fossil flora of West Virginia.

5000.55 UPPER PALAEOZOIC.

Bézier. 10314. L'existence d'une florule carbonifère (westphalienne ?) à Melesse (Ille-et-Vilaine).

Carpentier. 10358. Empreintes végétales et remarques sur la faune du calcaire de Bachant.

Grier. 10462. Fossil plants occurring in the roof of the Pittsburgh coal.

(x-5109)

Murr. 10586. Urgebirgsflora auf der älteren Kreide. Eine Studie aus dem österreichischschweizerischen Grenzgebiete.

White. 10743. The fossil flora of West Virginia.

5000.60 MESOZOIC (GENERAL).

Krištofovič. 10529. Mesozoic plant-remains from the Eastern Ural.

5000.70 JURASSIC.

Krištofovič. 10530. Die Pflanzenreste aus den Jura-Ablagerungen der Krym. (Russ.)

Pelourde. 10618. Végétaux fossiles du sud-ouest de la Chine, rapportés par Legendre.

5000.75 CRETACEOUS.

Berry. 10303. Mesozoic flora of the Atlantic coastal plain, 10 Maryland.

5000.80 CAENOZOIC (TERTIARY) (GENERAL).

Berry. 10299. Tertiary floras of the Atlantic and Gulf coastal plain.

5000.85 LOWER CAENOZOIC
Eocene, OLIGOCENE.

Berry. 10304. The affinities and distribution of the Lower Eocene flora of southeastern North America.

Fritel. 10443. Vue d'ensemble sur la flore thanétienne.

Peale. 10614. On the stratigraphic position and age of the Judith river formation. [Formerly supposed to be Cretaceous.]

5000.90 UPPER CAENOZOIC, MIOCENE, PLIOCENE.

Cockerell. 10389. The fauna of the Florissant (Colorado) shales.

Fliegel und Stoller. 10433. Jungtertiäre und altdiluviale pflanzenführende Ablagerungen im Nieder-rheingebiet.

Jentsch. 10501. Der Posener Ton und die Lagerstätte der Flora von Moltkegrube.

Konstantov. 10523. Ueber einige Vertreter der Flora aus miozänen Schichten am Unterlauf des Flusses Bureja. (Russ. mit deutsch. Rés.)

Menzel. 10571. Pflanzenreste aus dem Posener Ton.

———. 10572. Flora der Nieder-rheinischen Braunkohlenformation.

5000.95 PLEISTOCENE AND RECENT.

Beyle. 10312. Ablagerungen fossiler Pflanzen der Hamburger Gegend.

Fliegel und Stoller. 10433. Jungtertiäre und altdiluviale pflanzenführende Ablagerungen im Nieder-rheingebiet.

Lewis. 10541. The plant remains in the Scottish peat mosses.

Lindberg. L'exploration d'une tourbière à Kyrkslätt, Finlande.

———. 10545. Phytopaläontologisches aus Rasborg, Finland.

Malm und Rancken. Moore in Finland. (Schwedisch.)

Weber. 10740. Die Mammuth-floren von Borna.

White. 10743. The fossil flora of West Virginia.

5400 DICOTYLEDONES.

5400.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

Nagel. 10587. Familie der Juglandaceen.

5400.55 UPPER PALAEOZOIC.

Wilson. 10769. Paläontological work in Southern New Brunswick. [Canada].

5400.75 CRETACEOUS.

Acaciaphyllites n. gen. et sp. *grevilleoides*. South Carolina, Cretaceous. Berry. 10308.

Andromeda euphorbiophylloides n. sp. South Carolina, Cretaceous. Berry. 10308.

Aralia eutuensis n. sp. Georgia, Cretaceous. 10308.

Caesalpinia middendorfensis n. sp. South Carolina, Cretaceous. Berry. 10308.

Calycites middendorfensis n. sp. South Carolina, Cretaceous. Berry. 10308.

Celastraphyllum carolinensis n. sp. South Carolina, Cretaceous. Berry. 10308.

Cinnamomum newberryi n. nom. Georgia and South Carolina, Cretaceous. Berry. 10308.

Crotonophyllum panduraeformis n. sp. South Carolina, Cretaceous. Berry. 10308.

Ficus celtifolius n. sp. South Carolina, Cretaceous. Berry. 10308.

———. *georgiana* n. sp. Georgia, Cretaceous. Berry. 10308.

Illicium watereensis n. sp. South Carolina, Cretaceous. Berry. 10308.

Laurus atanensis n. nom. South Carolina, Cretaceous. Berry. 10308.

Leguminosites middendorfensis n. sp. South Carolina, Cretaceous. Berry. 10308.

Menispermites variabilis n. sp. Georgia, Cretaceous. Berry. 10308.

Momisia carolinensis n. sp. South Carolina, Cretaceous. Berry. 10308.

Pachystima ? cretacea n. sp. South Carolina, Cretaceous. Berry. 10308.

Paliurus upatoiensis n. sp. Georgia, Cretaceous. Berry. 10308.

Proteoides parvula n. sp. South Carolina, Cretaceous. Berry. 10308.

Quercus nn. spp. South Carolina, Cretaceous. Berry. 10308.

Rhus darlingtonensis n. sp. South Carolina, Cretaceous. Berry. 10308.

Salix sloani n. sp. South Carolina, Cretaceous. **Berry.** 10308.

Zizyphus laurifolius n. sp. Georgia, Cretaceous. **Berry.** 10308.

5400.80 CAENOZOIC (TERTIARY) (GENERAL).

Phyllites kamarupensis n. sp. Coal measures, Assam. **Seward.** 10678.

Tithymalus phenacodorum n. sp. Wyoming, Tertiary. **Cockerell.** 10393.

5400.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

Berry. 10305. Fossil plants in the Panama canal zone.

SPECIAL.

Castanea claibornensis n. sp. Georgia, Eocene. **Berry.** 10308.

Conocarpus eocenica n. sp. Georgia, Eocene. **Berry.** 10308.

Dodonaea viscosoides n. sp. Georgia, Eocene. **Berry.** 10308.

Ficus claibornensis n. sp. Georgia, Eocene. **Berry.** 10308.

Mimosites georgianus n. sp. Georgia, Eocene. **Berry.** 10308.

Momisia americana n. sp. Georgia, Eocene. **Berry.** 10308.

Pisonia claibornensis n. sp. Georgia, Eocene. **Berry.** 10308.

Rhizophora eocenica n. sp. Georgia, Eocene. **Berry.** 10308.

Sapindus georgiana n. sp. Georgia, Eocene. **Berry.** 10308.

Terminalia phaeocarpoides n. sp. Georgia, Eocene. **Berry.** 10308.

Trapa wilcoxensis n. sp. Tennessee, Eocene. **Berry.** 10306.

5400.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Ostrya palaeocarpiniifolia n. sp. Caucasus. **Bogačev.** 10319.

Phyllites nn. spp. Posener, Ton. **Menzel.** 10571.

Trapa alabamensis n. sp. Alabama, Pliocene. **Berry.** 10306.

5400.95 PLEISTOCENE AND RECENT.

Berry. 10300. Pleistocene plants from the Blue Ridge in Virginia.

————— 10307. Pleistocene flora of the southern states.

Chapman. 10372. An impression of fruit of *Casuarina* in the newer basalt of Victoria.

6000 MONOCOTYLEDONES.

6000.75 CRETACEOUS.

Doryanthites n. gen. et sp. cretacea. Georgia, Cretaceous. **Berry.** 10308.

Potamogeton middendorfsensis n. sp. South Carolina, Cretaceous. **Berry.** 10308.

Sabalites carolinensis n. sp. South Carolina, Cretaceous. **Berry.** 10308.

Smilax kansana n. nom. **Cockerell.** 10393.

6000.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Arundo pseudogoepperti n. sp. Georgia, Eocene. **Berry.** 10308.

Nipadites burtini umbonatus. North American, Eocene. **Berry.** 10301.

Phoenicites occidentalis n. sp. Texas, Tertiary. **Berry.** 10302.

Pistia claibornensis n. sp. Georgia, Eocene. **Berry.** 10308.

Potamogeton megaphyllus n. sp. Georgia, Eocene. **Berry.** 10308.

Thrinax eocenica n. sp. Georgia, Eocene. **Berry.** 10308.

6000.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Smilax nn. spp. Colorado, Miocene. **Cockerell.** 10393.

6000.95 PLEISTOCENE AND RECENT.

Berry. 10307. Pleistocene flora of the Southern states.

6500 GYMNOSPERMEAE.

6500.39 GENERAL.

Wieland. 10753. American fossil cycads.

6500.55 UPPER PALAEOZOIC.

GENERAL.

Elkins and Wieland. 10427. Cordaitan wood from the Indiana Black shale.

SPECIAL.

Callixylon oweni n. sp. Indiana, Devonian. **Elkins and Wieland.** 10427.

Cordaite hislopi. Lower Gondwana, Kashmir. **Seward.** 10679.

Psygmyphyllum zeilleri n. sp. Mongolia, Permian. **Smirnov.** 10688.

6500.65 TRIASSIC.

Wieland. 10751. On the Williamsonian tribe.

——— 10752. Recent contributions on cycadophytans.

6500.70 JURASSIC.

Knowlton. 10522. The Jurassic flora of Cape Lisburne, Alaska.

Seward. 10677. The Jurassic flora of Sutherland.

——— and **Bancroft.** 10680. Jurassic plants from Cromarty and Sutherland, Scotland.

6500.75 CRETACEOUS.

GENERAL.

Holden. 10480. Cretaceous lignites from Cliffwood, New Jersey.

Yabe. 10773. Mesozoische Pflanzen von Omoto.

Zeiller. 10780. Sur quelques plantes wéaldiennes recueillies au Pérou par M. le capitaine Berthon.

SPECIAL.

Androvettia elegans n. sp. Georgia, Cretaceous. **Berry.** 10308.

Araucaria darlingtonensis n. sp. South Carolina, Cretaceous. **Berry.** 10308.

Heterolepis n. gen. et sp. cretaceus. South Carolina, Cretaceous. **Berry.** 10308.

Pinus protoscleropotys n. sp. New Jersey, Cretaceous. **Holden.** 10479.

Pityoxylon nn. spp. New Jersey, Cretaceous. **Holden.** 10479.

Strobilites anceps n. sp. South Carolina, Cretaceous. **Berry.** 10308.

6500.80 CAENOZOIC (TERTIARY) (GENERAL).

Stephens. 10706. A fossil tree in drift on north-west coast of Tasmania.

6600 CYCADOPHYTES.

6600.39 GENERAL.

Potonié. 10635. Blatt-Epidermen einiger fossilen „Pteridospermen“.

6600.55 UPPER PALAEOZOIC.

Heterangium. Ostrauer Kohlenbecken. **Kubart.** 10532.

Lyginodendron. Ostrauer Kohlenbecken. **Kubart.** 10532.

Rhetinangium n. gen. *arberi.* Sandstone. **Gordon.** 10454.

Stenomyelon tuedianum. Berwickshire, Carboniferous. **Kidston and Gwynne Vaughan.** 10518.

Whittleseyia (?) *fertilis.* France, Houiller. **Carpentier.** 10359.

6700 PTERIDOPHYTES.

6700.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

Derby. 10407. Observations on the stem structure of *Psaronius brasiliensis.*

6700.55 UPPER PALAEOZOIC.

GENERAL.

Bertrand. 10311. Relations des empreintes de *Corynopteris* avec les *Zygopteris* à structure conservée.

Chapman. 10368. The precise locality of the type specimen of *Lepidodendron australe*, McCoy.

Jongmans und Kukuk. 10509. Calamariaceen des Rheinisch-Westfälischen Kohlenbeckens.

Lignier. 10543. Différenciation des tissus dans le bourgeon végétatif du *Cordaite lingulatus* B. Ren.

Pelourde. 10617. Remarques sur la trace foliaire des Psaroniées.

Smirnov. 10689. Pflanzenreste aus der Ursta-Stufe des Flusses Ulu-Kem. (Russ. mit deutsch. Rés.)

Wilson. 10767. Summary report dealing with the field work in connection with the collection of palæontological material from the Devonian and Lower Carboniferous of New Brunswick.

——— 01768. Palæontological material from the Devonian and Carboniferous of Southern New Brunswick.

Zeiller. 10779. Rapport sur les travaux de F. Pelourde.

SPECIAL.

Callipteridium sp. ? Lower Gondwanas. Kashmir. **Seward.** 10679.

Callipteris zeilleri n. sp. Mongolia. Permian. **Smirnov.** 10688.

Forbesia n. gen. *cancellata*. **Johnson.** 10503.

Glossopteris. Deutsch-Ostafrika. **Brehmer.** 10325.

Lepidophloios scottii. Fife Sandstone. **Gordon.** 10453.

Pecopteris. Anzin, Houiller. **Bertrand.** 10310.

Psymphyllum haydeni n. sp. Lower Gondwanas, Kashmir. **Seward.** 10679.

6700.70 JURASSIC.

GENERAL.

Seward. 10677. The jurassic flora of Sutherland.

——— and **Bancroft.** 10680. Jurassic plants from Cromarty and Sutherland, Scotland.

SPECIAL.

Equisetum collieri n. sp. Alaska, Jurassic. **Knowlton.** 10522.

Sagenopteris caledonica n. sp. Callovien-Geschiebe Ostpreussens. **Horn.** 10482.

6700.75 CRETACEOUS.

GENERAL.

Yabe. 10773. Mesozoische Pflanzen von Omoto.

Zeiller. 10780. Sur quelques plantes wéaldiennes recueillies au Pérou par M. le capitaine Berthon.

SPECIAL.

Dryopterites stephensoni n. sp. Georgia, Cretaceous. **Berry.** 10308.

6700.85 LOWER CAENOZOIC MIOCENE, PLIOCENE.

Acrostichum georgianum n. sp. Georgia, Eocene. **Berry.** 10308.

7400 ALGAE ET SCHIZOPHYCEAE.

7400.45 PALAEOZOIC (GENERAL).

Yabe. 10772. Gesteinsbildende Kalkalgen von Japan und China.

7400.50 LOWER PALAEOZOIC.

Camasia n. gen. et sp. *spongiosa*. **Walcott.** 10737.

Collenia n. gen. and spp. **Walcott.** 10737.

Copperia n. gen. et sp. *tubiformis*. **Walcott.** 10737.

Gallatinia n. gen. et sp. *pertera*. **Walcott.** 10737.

Greysonia n. gen. et sp. *basaltica*. **Walcott.** 10737.

Kinneyia n. gen. et sp. *simulans*. **Walcott.** 10737.

Newlandia n. gen. and spp. **Walcott.** 10737.

Weedia n. gen. et sp. *tuberosa*. **Walcott.** 10737.

7400.70 JURASSIC.

Cayeux. 10365. Existence de nombreuses traces d'algues perforantes dans les minerais de fer oolithique de France.

Yabe. 10772. Gesteinsbildende Kalkalgen von Japan und China.

7400.75 CRETACEOUS.

GENERAL.

Yabe. 10772. Gesteinsbildende Kalkalgen von Japan und China.

SPECIAL.

Algites americana n. sp. South Carolina. Cretaceous. **Berry.** 10308.

7400.95 PLEISTOCENE AND RECENT.

Laminarites antiquissimus Eichw. **Jakovlev.** 10499.

FUNGI.

7700.70 JURASSIC.

Ellis. 10428. Fossil micro-organisms from the Jurassic and Cretaceous rock of Great Britain.

7700.75 CRETACEOUS.

Ellis. 10428. Fossil micro-organisms from the Jurassic and Cretaceous rock of Great Britain.

7700.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

GENERAL.

Bertrand. 10309. Premières observations sur le schiste paraffineux d'Alexinatz (Serbie).

SPECIAL.

Sphaerites claibornensis n. sp. Georgia, Eocene. Berry. 10308.

7900.90 UPPER CAENOZOIC
MIOCENE, PLIOCENE.

Carpolithes allenii n. comb. Colorado, Florissant shales. Cockerell. 10389.

LIST OF NEW GENERA AND SPECIES.

5400 DICOTYLEDONS.

- ACACIAPHYLLITES n. gen. Berry. 10308.
 — *grevilleoides*. Berry. 10308.
 ANDROMEDA *euphorbiophylloides*. Berry. 10308.
 ARALIA *eutawensis*. Berry. 10308.
 CAESALPINIA *middendorfensis*. Berry. 10308.
 CALCYITES *middendorfensis*. Berry. 10308.
 CASTANEA *claibornensis*. Berry. 10308.
 CELASTROPHYLLUM *carolinensis*. Berry. 10308.
 CINNAMOMUM *middendorfensis*. Berry. 10308.
 — *newberryi* n. nom. Berry. 10308.
 CONOCARPUS *eocenica*. Berry. 10308.
 CROTONOPHYLLUM *panduraeformis*. Berry. 10308.
 DODONAEA *viscosoides*. Berry. 10308.
 FICUS *celtifolius*. Berry. 10308.
 — *claibornensis*. Berry. 10308.
 — *georgiana*. Berry. 10308.
 ILICium *watereensis*. Berry. 10308.
 LAURUS *atanensis* n. nom. Berry. 10308.
 LEGUMINOSITES *middendorfensis*. Berry. 10308.
 MENISPERMITES *variabilis*. Berry. 10308.
 MIMOSITES *georgianus*. Berry. 10308.
 MOMISIA *americana*. Berry. 10308.
 — *carolinensis*. Berry. 10308.
 OSTRYA *palaeocarpinifolia*. Bogačev. 10319.
 PACHYSTIMA ? *cretacea*. Berry. 10308.
 PALIURUS *upatoiensis*. Berry. 10308.
 PHYLLITES *anamirtaceus*. Menzel. 10571.
 — *elaeodendroides*. Menzel. 10571.
 — *kamarupensis*. Seward. 10678.
 PISONIA *claibornensis*. Berry. 10308.
 PROTEOIDES *parvula*. Berry. 10308.
 QUERCUS *pseudowestfalica*. Berry. 10308.
 — *sumterensis*. Berry. 10308.
 RHIZOPHORA *eocenica*. Berry. 10308.
 RHUS *darlingtonensis*. Berry. 10308.
 SALIX *sloani*. Berry. 10308.
 SAPINDUS *georgiana*. Berry. 10308.
 TERMINALIA *phaeocarpoides*. Berry. 10308.
 TITHYMALUS *phenacodorum*. Cockerell. 10393.
 — *alabamensis*. Berry. 10306.
 TRAPA *wilcoxensis*. Berry. 10306.
 ZIZPYHUS *laurifolius*. Berry. 10308.

6000 MONOCOTYLEDONES.

- ARUNDO *pseudogoepperti*. Berry. 10308.
 DORYANTHITES n. gen. Berry. 10308.
 — *cretacea*. Berry. 10308.
 PHOENICITES *occidentalis*. Berry. 10302.
 PISTIA *claibornensis*. Berry. 10308.
 POTAMOGETON *megaphyllus*. Berry. 10308.
 — *middendorfensis*. Berry. 10308.
 SABALITES *carolinensis*. Berry. 10308.
 SMILAX *carbonensis* n. nom. Cockerell. 10393.
 — *kansana* n. nom. Cockerell. 10393.
 — *labiduummae*. Cockerell. 10393.
 THRINAX *eocenica*. Berry. 10308.

6500 GYMNOSPERMEAE.

- ANDROVETTIA *elegans*. Berry. 10308.
 ARAUCARIA *darlingtonensis*. Berry.
 10308.
 CALLIXYLON *oweni*. Elkins and Wieland.
 10427.
 HETEROLEPIS n. gen. Berry. 10308.
 — *cretaceus*. Berry. 10308.
 PINUS *protoscleropitys*. Holden. 10479.
 PITYOXYLON *anomalum*. Holden.
 10479.
 — *foliosum*. Holden. 10479.
 PSYGMOPHYLLUM *zeilleri*. Smirnov.
 10688.
 STROBILITES *anceps*. Berry. 10308

6700 PTERIDOPHYTA.

- ACROSTICHUM *georgianum*. Berry.
 10308
 CALLIPTERIS *zeilleri*. Smirnov. 10688.
 DRYOPTERITES *stephensoni*. Berry.
 10308
 EQUISETUM *collieri*. Knowlton. 10522.
 PSYGMOPHYLLUM. Seward. 10679.
 VERTEBRARIA *indica*. Seward. 10679.

7400 ALGAE ET SCHIZOPHYCEAE.

- ALGITES *americana*. Berry. 10308.
 CAMASIA n. gen. Walcott. 10737.
 — *spongiosa*. Walcott. 10737.

- COLLENIA n. gen. Walcott. 10737.
 — *compacta*. Walcott. 10737.
 — *undosa*. Walcott. 10737.
 COPPERIA n. gen. Walcott. 10737.
 — *tubiformis*. Walcott. 10737.
 GALLATINIA n. gen. Walcott. 10737.
 — *pertexa*. Walcott. 10737.
 GREYSONIA n. gen. Walcott. 10737.
 — *basaltica*. Walcott. 10737.
 KINNEYIA n. gen. Walcott. 10737.
 — *simulans*. Walcott. 10737.
 NEWLANDIA n. gen. Walcott. 10737.
 — *frondosa*. Walcott. 10737.
 — *lamellosa*. Walcott. 10737.
 — *major*. Walcott. 10737.
 — *concentrica*. Walcott. 10737.
 WEEDIA n. gen. Walcott. 10737.
 — *tuberosa*. Walcott. 10737.

7700 FUNGI.

- SPHAERATES *claibornensis*. Berry.
 10308.

7900 PLANTAE INCERTAE SEDIS.

- CARPOLITHES *alleni* n. comb. Cockerell.
 10389.

LIST OF JOURNALS WITH ABBREVIATED TITLES.

*The numbers at end of full Title are those used in the
General List of Journals.*

- Adelaide, S. Aust., Trans. R. Soc.*—Transactions of the Royal Society of S. Australia, Adelaide. 6 S. Aus.
- Albany, N.Y. Educ. Dept. St. Mus. Bull.*—Bulletin of the New York State Museum. University of the State of New York, Albany, N.Y. 4 U.S.
- Albany, Univ. N.Y. Bull. St. Mus.*—Bulletin of the New York State Museum. University of the State of New York, Albany, N.Y. — U.S.
- Alger, Bul. Soc. hist. nat.*—Bulletin de la Société d'histoire naturelle de l'Afrique du Nord. Alger. — Fr.
- Allg. bot. Zs., Karlsruhe.*—Allgemeine botanische Zeitschrift für Systematik, Floristik, Pflanzengeographie etc., hrsg. v. Kneucker. Karlsruhe. [monatl.] 18 Ger.
- Amer. J. Sci., New Haven, Conn.*—American Journal of Science, New Haven, Conn. 19 U.S.
- Amer. Nat., Boston, Mass.*—The American Naturalist, Boston, Mass. 21 U.S.
- Amiens, Bul. soc. linn.*—Bulletin de la société linnéenne du nord de la France. Amiens (Somme). [mensuel.] 28 Fr.
- Amsterdam, Proc. Sci. K. Akad. Wet.*—Proceedings of the Sections of Sciences, Koninklijke Akademie van Wetenschappen, Amsterdam. 8vo. 3 Hol.
- Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet.*—Verslagen der Vergaderingen van de Wis- en Natuurkundige Afdeling der Koninklijke Akademie van Wetenschappen, Amsterdam. 8vo. 7 Hol.
- Ann. géol. minér., Novo-Alexandria.*—Ежегодникъ по геологiи и минералогiи Россiи. Новая Александрiя [Annuaire géologique et minéralogique de la Russie. Novo Alexandria]. — Rus.
- Ann. Inst. océan., Monaco.*—Annales de l'Institut océanographique de Monaco. — Monaco.
- Ann. paléont., Paris.*—Annales de Paléontologie publiées sous la direction de Marcellin Boule. Paris (Masson). 28 cm. — Fr.
- Ann. sci. nat. (Zool. Bot.), Paris.*—Annales des sciences naturelles, paraît en deux parties. 77 Fr.
- Ann. Univ., Lyon.*—Annales de l'Université. Lyon (Rhône.) [irrégul.] 82 Fr
- Austin, Bull. Univ. Texas Sci. Ser.*—Bulletin of the University of Texas. Scientific Series. Austin. — U.S.
- Austin, Trans. Texas Acad. Sci.*—Transactions of the Texas Academy of Science, Austin. 32 U.S.

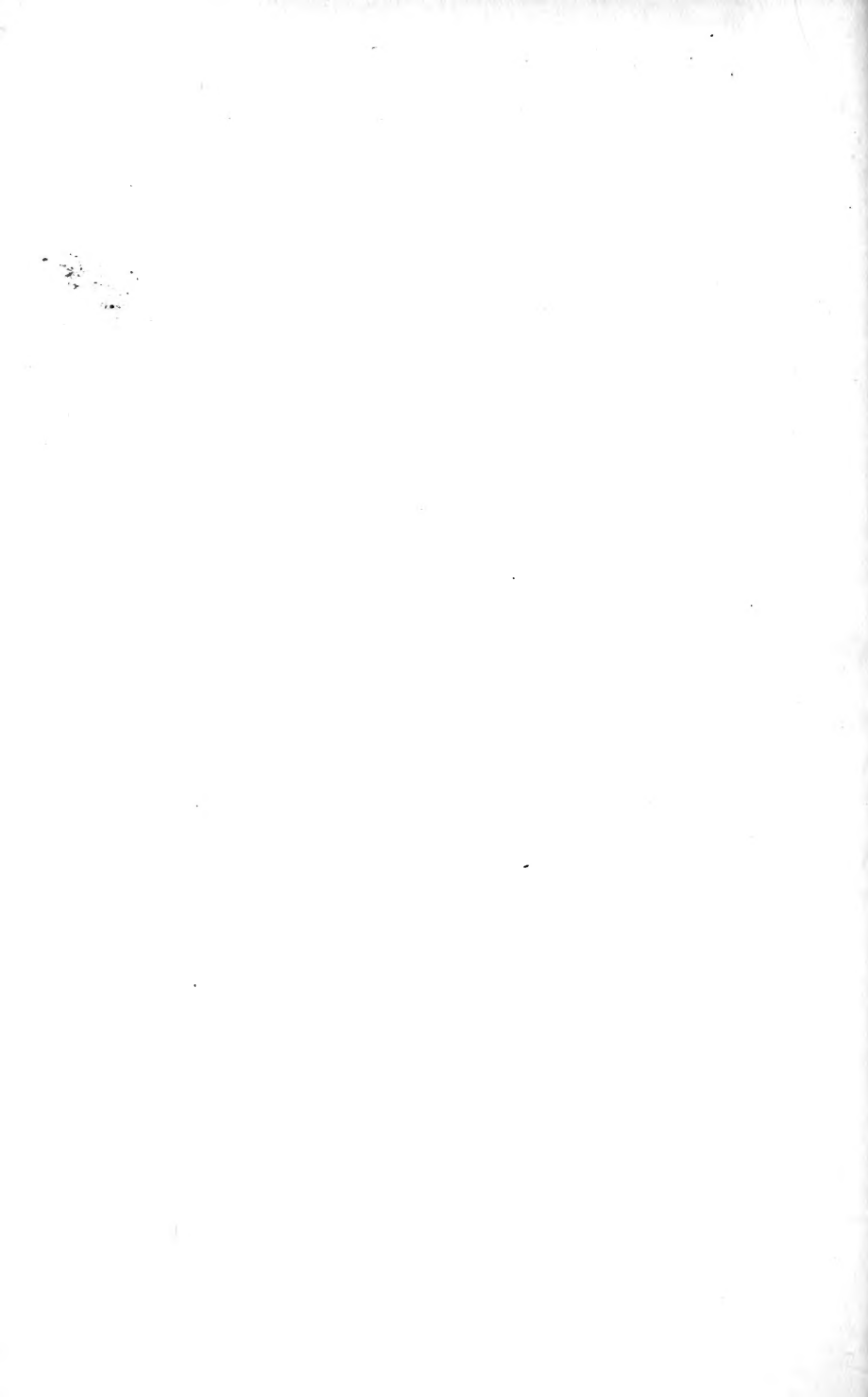
- Autun, Bul. soc. hist. nat.*—Bulletin de la société histoire naturelles. Autun (Saône-et-Loire). 149 Fr.
- Auxerre, Bul. soc. sci. hist. nat.*—Bulletin de la société des sciences historiques et naturelles de l'Yonne. Auxerre (Yonne). 152 Fr.
- Berkeley, Univ. Cal. Bull. Dept. Geol.*—University of California. Bulletin of the Department of Geology, Berkeley. 40 U.S.
- Berlin, Abh. geol. Landesanst.*—Abhandlungen der kgl. preussischen geologischen Landesanstalt. Berlin. [2–3 H. jährl.] 154 Ger.
- Berlin, Ber. D. bot. Ges.*—Berichte der deutschen botanischen Gesellschaft. Berlin. [monatl.] 164 Ger.
- Berlin, Jahrb. geol. Landesanst.*—Jahrbuch der kgl. preussischen geologischen Landesanstalt und Bergakademie. Berlin. [jährl.] 171 Ger.
- Berlin, SitzBer. Ak. Wiss.*—Sitzungsberichte der kgl. preussischen Akademie der Wissenschaften. Berlin. [wöch.] 182 Ger.
- Berlin, SitzBer. Ges. natf. Freunde.*—Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin. Berlin. [jährl. in zwangl. H.] 183 Ger.
- Berlin, Zs. D. geol. Ges.*—Zeitschrift der deutschen geologischen Gesellschaft. Berlin. [$\frac{1}{4}$ jährl.] 199 Ger.
- Berliner klin. Wochenschr.*—Berliner klinische Wochenschrift, red. v. Ewald u. Posner. Berlin. [wöch.] 209 Ger.
- Bordeaux, Actes soc. linn.*—Actes de la société linnéenne de Bordeaux (Gironde). [trimestr.] 184 Fr.
- Boston, Mass., Proc. Amer. Acad. Arts Sci.*—Proceedings of the American Academy of Arts and Sciences, Boston, Mass. 60 U.S.
- Bot. Gaz., Chicago, Ill.*—Botanical Gazette, Chicago, Ill. 64 U.S.
- Bot. Jahrb., Leipzig.*—Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie, hrsg. v. Engler. Leipzig. [10 H. jährl.] 242 Ger.
- Bremen, Abh. natw. Ver.*—Abhandlungen, hrsg. v. naturwissenschaftlichen Verein zu Bremen. Bremen. [1–2 H. jährl.] 253 Ger.
- Bul. Muséum, Paris.*—Bulletin du Muséum d'Histoire Naturelle. Paris. [8 numéros par an.] 237 Fr.
- Bull. Soc. nat., Simferopolj.*—Записки Крымскаго Общества естествоиспытателей и любителей природы. Симферополь [Bulletin de la société des naturalistes et des amis de la nature en Crimée. Simferopolj]. — Rus.
- Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll.*—Bulletin of the Museum of Comparative Zoology at Harvard College, Cambridge, Mass. 71 U.S.
- Centralbl. Min., Stuttgart.*—Centralblatt für Mineralogie, Geologie und Paläontologie, hrsg. v. Bauer etc. Stuttgart. [$\frac{1}{2}$ monatl.] 285 Ger.
- Chalon-sur-Saône, Bul. soc. sci. nat.*—Bulletin de la société des sciences naturelles de Saône-et-Loire. Chalons-sur-Saône (Saône-et-Loire). [mensuel.] 260 Fr.
- Chambéry, Bul. soc. hist. nat.*—Bulletin de la société d'histoire naturelle. Chambéry (Savoie). [irrégul.] 262 Fr.
- Cincinnati, Ohio, J. Soc. Nat. Hist.*—Journal of the Cincinnati Society of Natural History, Cincinnati, Ohio. 115 U.S.
- D. Monatschr. Zahnheilk., Leipzig.*—Deutsche Monatsschrift für Zahnheilkunde, red. v. Parreidt. Leipzig. [monatl.] 365 Ger.
- Dublin, Sci. Proc. R. Soc.*—Scientific Proceedings of the Royal Dublin Society Dublin. 77 U.K.
- Edinburgh, Proc. R. Soc.*—Proceedings of the Royal Society of Edinburgh. 96 U.K.

- Edinburgh, Trans. R. Soc.*—Transactions of the Royal Society of Edinburgh. 109 U.K.
- Ekaterinoslav, Izv. gorn. Inst.*—Извѣстія Екатеринославскаго высшаго горнаго училища. Екатеринославъ [Bulletin de l'Institut des mines d'Ekaterinoslav. Ekaterinoslav]. — Rus.
- F. Mosskult. Tidskr., Helsingfors.*—Finska Mosskulturföreningens Tidskrift. Helsingfors. 8vo. 13 Fin.
- Feuille jeunes natural., Paris.*—Feuille des jeunes naturalistes. Dir. Dollfus. Paris. [mensuel.] 337 Fr.
- Geogn. Jahreshfte, München.*—Geognostische Jahreshfte, hrsg. v. d. geognostischen Abtheilung des kgl. bayerischen Oberbergamts in München. München. [jähr.] 507 Ger.
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- Grahamstown, Cape Colony, Rec. Albany Mus.*—Records of the Albany Museum, Grahamstown. 12 S.A.
- Gray, Bul. soc. grayl. ém.*—Bulletin de la société grayloise d'émulation. Gray (Haute-Saône). [irrégul.] 363 Fr.
- Grenoble, Bul. soc. stat. Isère.*—Bulletin de la société de statistique, des sciences naturelles et des arts industriels de l'Isère. Grenoble (Isère). [trimestr.] 367 Fr.
- Haarlem, Arch. Mus. Teyler.*—Archives du Musée Teyler, Haarlem. 8vo. 21 Hol.
- Hamburg, Jahrb. wiss. Anst.*—Jahrbuch der Hamburgischen wissenschaftlichen Anstalten. Hamburg. [jähr.] Nebst Beiheften. 553 Ger.
- Heidelberg, Verh. nathist. Ver.*—Verhandlungen des naturhistorisch-medicinischen Vereins zu Heidelberg. Heidelberg. [1–2 H. jähr.] 575 Ger.
- Helsingfors, Fennia.*—Fennia. Bulletin de la Société de Géographie de Finlande. Helsingfors. 8vo. 8 Fin.
- Hobart, Proc. R. Soc. Tasmania.*—Proceedings of the Royal Society of Tasmania. Hobart.
- J. Geol., Chicago, Ill.*—Journal of Geology. (University of Chicago.) Chicago, Ill. 101 U.S.
- Jahresber. oberrhein. geol. Ver., Stuttgart.*—Jahresberichte und Mitteilungen des Oberrheinischen geologischen Vereins. Stuttgart. [jähr.] — Ger.
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- Kjöbenhavn, Danm. Geol. Unders.*—Danmarks geologiske Undersøgelse, Kjöbenhavn. 8 Den.
- Kjöbenhavn, Geogr. Tids.*—Geografisk Tidsskrift, Kjöbenhavn. 7 Den.
- Kjöbenhavn, Medd. Geol.*—Meddelelser fra dansk geologisk Forening, Kjöbenhavn. 15 Den.
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- Lille, Ann. soc. géol.*—Annales de la société géologique du Nord. Lille (Nord). [bimestr.] 420 Fr.
- London, Proc. Malac. Soc.*—Proceedings of the Malacological Society of London. 8vo. 261 U.K.
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- Man. Conch., Philadelphia.*—Manual of Conchology. By H. A. Pilsbry. Philadelphia, Pa. — U.S.
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- Melbourne, Mem. Nat. Mus.*—Memoirs of the National Museum, Melbourne (Govt. Printer). — Vic.
- Melbourne, Proc. R. Soc. Vict.*—Proceedings of the Royal Society of Victoria. Melbourne. 9 Vict.
- Michigan Geol. Biol. Surv. Pub., Lansing.*—Michigan Geological and Biological Survey, Lansing. — U.S.
- München, Abh. Ak. Wiss.*—Abhandlungen der kgl. bayerischen Akademie der Wissenschaften. München. [jähr. in zwangl. H.] 833 Ger.
- N. Jahrb. Min., Stuttgart.*—Neues Jahrbuch für Mineralogie, Geologie und Paläontologie, hrsg. v. Bauer. Stuttgart. [2 monatl.] Nebst Beilage-Bänden. 854 Ger.
- Natur u. Kultur, München.*—Natur und Kultur. Zeitschrift für Schule und Leben, hrsg. v. F. H. Völler. München. [$\frac{1}{2}$ monatl.] — Ger.
- Natw., Berlin.*—Die Naturwissenschaften. Wochenschrift für die Fortschritte der Naturwissenschaft, der Medizin und der Technik, hrsg. v. A. Berliner u. C. Thesing. Berlin. [wöch.] — Ger.
- New York, N.Y., Ann. Acad. Sci.*—Annals of the New York Academy of Sciences, New York, N.Y. 295 U.S.
- New York, N.Y., Bull. Amer. Mus. Nat. Hist.*—Bulletin of the American Museum of Natural History, New York, N.Y. 299 U.S.
- New York, N.Y., Bull. Torrey Bot. Cl.*—Bulletin of the Torrey Botanical Club, New York, N.Y. 302 U.S.
- Ohio Nat., Columbus.*—Ohio Naturalist. (Biological Club, Ohio State University), Columbus. 348 U.S.
- Ottawa, Geol. Surv. Can.*—Geological Survey of Canada, Annual Reports of the Director, Ottawa. 11 Can.
- Paris, Bul. mêm. soc. anthr.*—Bulletin et mémoires de la société d'anthropologie de Paris. Paris. [bimestr.] 577 Fr.
- Paris, Bul. soc. bot.*—Bulletin de la société botanique de France. Gér. Malinvaud. Paris. [mensuel.] 586 Fr.
- Paris, Bul. Soc. ent.*—Bulletin de la société entomologique de France. Paris. [mensuel.] 591 Fr.
- Paris, Bul. soc. géol.*—Bulletin de la société géologique de France. Paris. [mensuel.] 598 Fr.
- Paris, Bul. soc. zool.*—Bulletin de la société zoologique de France. Paris. [mensuel.] 611 Fr.

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